

Converting Colors

XYZ(67.1822, 79.1896,
105.8691)

Have a look what the booklet for
XYZ(67.1822, 79.1896, 105.8691)
contains.

XYZ(67.2492, 79.2965, 105.5273)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.2492, 79.2965,
105.5273)**

Conversions

Conversions Part 1

Format	Color
Hex	B0F1FE
RGB	176, 241, 254
RGB Percent	69%, 95%, 100%
CMY	0.3098, 0.0549, 0.0039
CMYK	0.31, 0.05, 0.00, 0.00
HSL	190°, 98%, 84%
HSV	190°, 31%, 100%
XYZ	67.2492, 79.2965, 105.5273
YIQ	223.0470, -42.9130, -9.7370

Conversions

Conversions Part 2

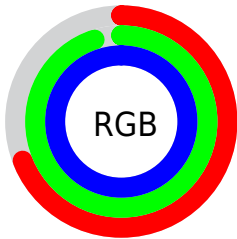
Format	Color
RYB	176, 211, 254
Decimal	11596286
CIELab	91.37, -17.25, -12.81
CIElCh	91, 21.488, 216.582
Yxy	79.2965, 0.2668, 0.3146
Android (android.graphics.Color)	4289786366 (0xFFB0F1FE)
YUV	223.0470, 15.2598, -41.2602
Hunter-Lab	89.0486, -21.0324, -7.9278

Details

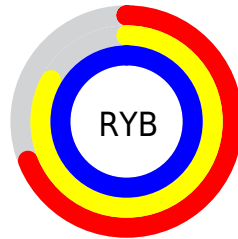
The XYZ color **67.2492, 79.2965, 105.5273** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.9082, 60.6013, 49.2469**, and the grayscale version is **70.0915, 73.7417, 80.3047**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **35.3122, 42.7941, 59.2223** is the 20% darker color. If you saturate the color by 10%, you get **60.7969, 74.1337, 104.8722**, and if you desaturate by 10%, it is **74.8099, 85.0777, 106.2460**.

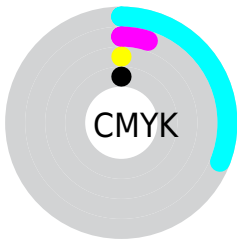
Distribution



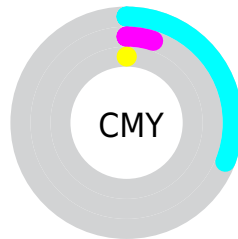
- Red (69%)
- Green (95%)
- Blue (100%)



- Red (69%)
- Yellow (83%)
- Blue (100%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2492, 79.2965, 105.5273 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 67.2492, 79.2965, 105.5273 by changing the saturation by 10% instead.

67.2492, 79.2965,
105.5273

67.2492, 79.2965,
105.5273

440.2498,
492.5588, 599.1694

49.5586, 59.1396,
80.2821

114.3252,
132.3762, 170.8503

35.2792, 42.7255,
59.4230

144.4414,
166.0678, 211.7652

24.0455, 29.6698,
42.5314

179.4301,
205.0398, 258.7404

15.4923, 19.5881,
29.1890

219.6568,
249.6765, 312.1943

9.2542, 12.0960,
18.9770

265.4868,
300.3623, 372.5457

4.9658, 6.8091,
11.4770

317.2853,

2.2617, 3.3430,

357.4818, 440.2130

6.2705

375.4179,
421.4191, 515.6147

■ 0.7750, 1.3133,
2.9388

■ 0.0000, 0.1515,
1.0635

■ 67.2492, 79.2965,
105.5273

■ 67.2492, 79.2965,
105.5273

■ 60.7969, 74.1337,
104.8722

■ 74.8099, 85.0777,
106.2460

■ 55.3855, 69.5486,
104.2724

■ 83.5274, 91.4969,
107.0256

■ 50.9514, 65.5099,
103.7265

■ 93.4558, 98.5841,
107.8703

■ 47.4205, 61.9791,
103.2311

■ 94.8897, 99.9359,
108.0556

■ 44.7082, 58.9124,
102.7822

■ 42.7129, 56.2571,
102.3748

■ 41.3524, 54.0813,
102.0265

Harmonies

Analogous

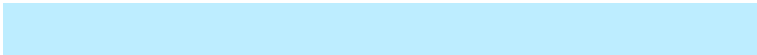
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.4135, 79.2965, 89.8329



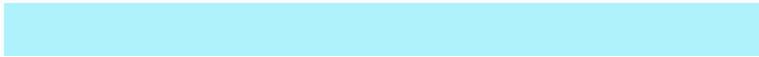
67.2492, 79.2965, 105.5273



71.2731, 79.2965, 116.9732

Triad

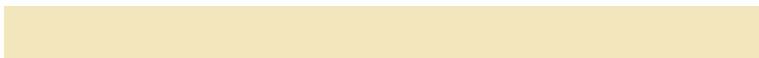
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.2492, 79.2965, 105.5273



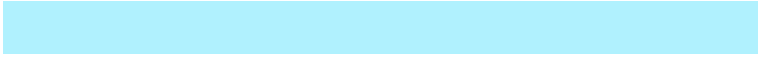
85.4188, 79.2965, 98.8495



74.1720, 79.2965, 59.7841

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.2492, 79.2965, 105.5273



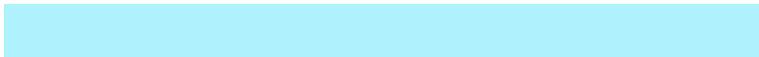
66.9082, 60.6013, 49.2469

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6188, 79.2965, 61.5851



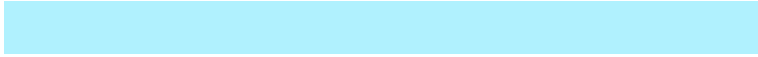
67.2492, 79.2965, 105.5273



86.2864, 79.2965, 82.9397

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2492, 79.2965, 105.5273



81.8004, 79.2965, 112.8040



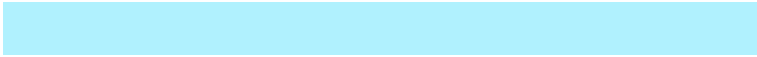
84.1173, 79.2965, 69.6327



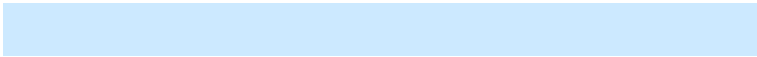
69.2838, 79.2965, 64.3776

Rectangle

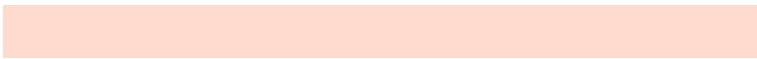
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.2492, 79.2965, 105.5273



74.7448, 79.2965, 119.9651



84.1173, 79.2965, 69.6327



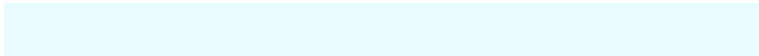
75.9966, 79.2965, 59.6709

Sweetspot

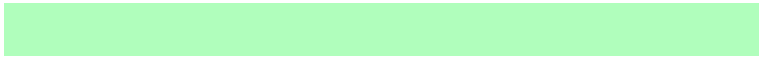
The Sweet Spot groups the original color and five complimentary colors.



67.2516, 79.2997, 105.5291



85.8971, 93.4884, 108.1255



62.3927, 83.7332, 60.2831



18.0890, 19.7962, 23.1176



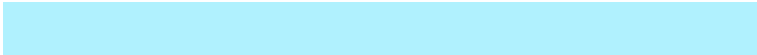
0.0000, 0.0000, 0.0000



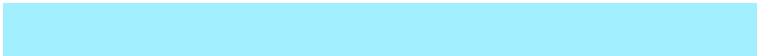
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.2516, 79.2997, 105.5291



63.6255, 76.6568, 106.0506



57.2225, 59.2414, 102.1861



18.2821, 19.9358, 23.1344



21.8953, 28.7003, 53.8203



2.1972, 2.9251, 5.2621

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72.2775, 58.4743, 90.6999



69.5449, 52.8760, 88.4177



76.0982, 78.9813, 52.3102



18.6550, 18.2453, 22.0665



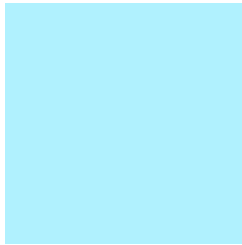
27.8400, 13.6253, 34.1373



2.7437, 1.3398, 3.4975

Previews

White Background



This preview shows how the XYZ color 67.2492, 79.2965, 105.5273 looks on a white background.

Color Contrast Check

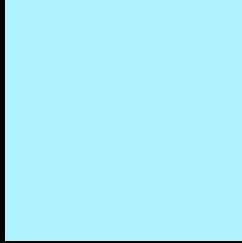
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.2492, 79.2965, 105.5273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2492, 79.2965, 105.5273

Background



This preview shows how black text looks on a background with the XYZ color 67.2492, 79.2965, 105.5273.

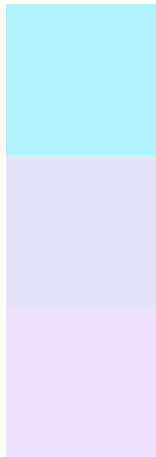


This preview shows how white text looks on a background with the XYZ color 67.2492, 79.2965,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.2492, 79.2965, 105.5273

Protanopia

76.6911, 78.7986, 98.3564

Deuteranopia

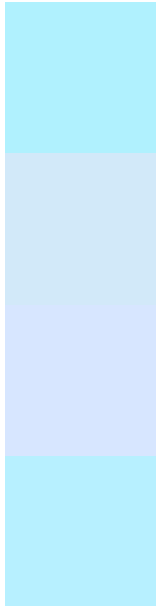
79.9655, 78.7085, 105.5854



Tritanopia

69.4100, 79.5178, 106.2979

Trichromacy



Original Color

67.2492, 79.2965, 105.5273

Protanomaly

72.8161, 78.8190, 100.9983

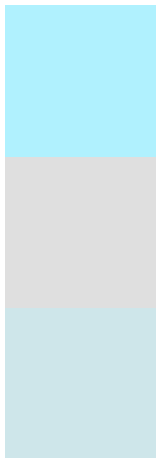
Deuteranomaly

74.3711, 78.2607, 105.7938

Tritanomaly

68.7385, 79.6075, 106.3506

Monochromacy



Original Color

67.2492, 79.2965, 105.5273

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.6017, 75.6560, 88.8293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2492, 79.2965, 105.5273 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(176, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(176, 241, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(176, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 241, 254) }
```

Border

The CSS property to change the border of an element to XYZ 67.2492, 79.2965, 105.5273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 241, 254) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(176, 241, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(176, 241, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(176, 241,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2492, 79.2965, 105.5273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 241, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(176,  
241, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor