

Converting Colors

XYZ(60.1021, 65.9695,
104.1734)

Have a look what the booklet for
XYZ(60.1021, 65.9695, 104.1734)
contains.

XYZ(60.1347, 66.1335, 104.2033)	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(60.1347, 66.1335,
104.2033)**

Conversions

Conversions Part 1

Format	Color
Hex	ACDAFF
RGB	172, 218, 255
RGB Percent	67%, 85%, 100%
CMY	0.3255, 0.1451, 0.0000
CMYK	0.33, 0.15, 0.00, 0.00
HSL	207°, 100%, 84%
HSV	207°, 33%, 100%
XYZ	60.1347, 66.1335, 104.2033
YIQ	208.4640, -39.2930, 1.7550

Conversions

Conversions Part 2

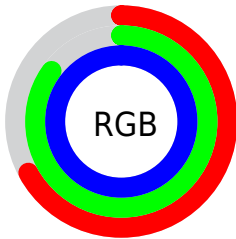
Format	Color
RYB	172, 202, 255
Decimal	11328255
CIELab	85.06, -6.38, -22.84
CIELCh	85, 23.719, 254.386
Yxy	66.1335, 0.2609, 0.2869
Android (android.graphics.Color)	4289518335 (0xFFACDAFF)
YUV	208.4640, 22.9422, -31.9789
Hunter-Lab	81.3225, -10.3209, -19.0460

Details

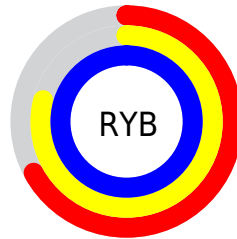
The XYZ color **60.1347, 66.1335, 104.2033** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.4872, 69.8395, 48.7443**, and the grayscale version is **60.1309, 63.2624, 68.8928**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **30.6264, 34.0535, 58.3849** is the 20% darker color. If you saturate the color by 10%, you get **52.2189, 57.8274, 103.0173**, and if you desaturate by 10%, it is **69.3302, 75.4025, 105.5078**.

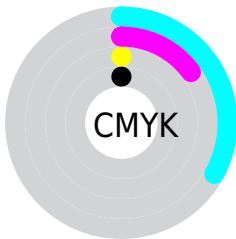
Distribution



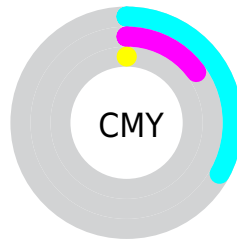
- Red (67%)
- Green (85%)
- Blue (100%)



- Red (67%)
- Yellow (79%)
- Blue (100%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1347, 66.1335, 104.2033 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 60.1347, 66.1335, 104.2033 by changing the saturation by 10% instead.

60.1347, 66.1335,
104.2033

60.1347, 66.1335,
104.2033

414.9209,
446.8542, 594.9478

43.7771, 48.3808,
79.1791

104.1303,
113.6779, 169.0237

30.6925, 34.1285,
58.5209

132.4990,
144.2384, 209.6569

20.5155, 22.9924,
41.8101

165.6020,
179.8370, 256.3303

12.8807, 14.5879,
28.6282

203.8049,
220.8579, 309.4623

7.4229, 8.5307,
18.5566

247.4728,
267.6858, 369.4716

3.7766, 4.4363,
11.1767

296.9712,

1.5766, 1.9205,

320.7048, 436.7765

6.0702

352.6655,
380.2995, 511.7958

■ 0.3771, 0.5607,
2.8183

■ 0.0000, 0.0000,
1.0026

■ 60.1347, 66.1335,
104.2033

■ 60.1347, 66.1335,
104.2033

■ 52.2189, 57.8274,
103.0173

■ 69.3302, 75.4025,
105.5078

■ 45.5115, 50.4368,
101.9443

■ 79.8603, 85.6639,
106.9334

■ 39.9423, 43.9210,
100.9802

■ 91.7835, 96.9550,
108.4844

■ 35.4310, 38.2321,
100.1199

95.0500, 100.0000,
108.9000

■ 31.8851, 33.3160,
99.3578

■ 29.1937, 29.1085,
98.6876

■ 27.6240, 26.3680,
98.2413

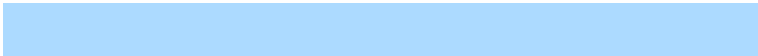
Harmonies

Analogous

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



55.8021, 66.1335, 94.5975



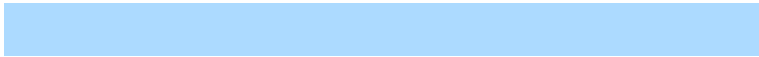
60.1347, 66.1335, 104.2033



65.4436, 66.1335, 104.4120

Triad

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



60.1347, 66.1335, 104.2033



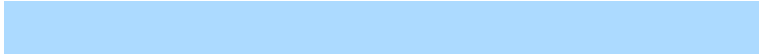
73.3372, 66.1335, 64.9465



55.9459, 66.1335, 52.9718

Complementary

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



60.1347, 66.1335, 104.2033



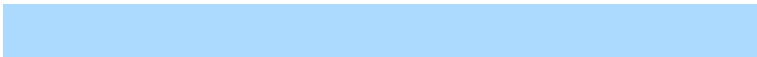
71.4872, 69.8395, 48.7443

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.



60.3412, 66.1335, 47.1154



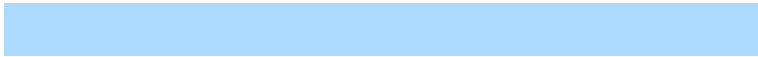
60.1347, 66.1335, 104.2033



70.4847, 66.1335, 53.3357

Square

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



60.1347, 66.1335, 104.2033



73.2741, 66.1335, 80.2161



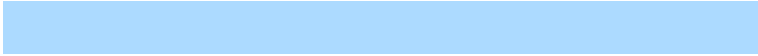
65.6621, 66.1335, 47.2384



53.4788, 66.1335, 64.3801

Rectangle

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



60.1347, 66.1335, 104.2033



68.8368, 66.1335, 99.1029



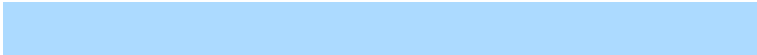
65.6621, 66.1335, 47.2384



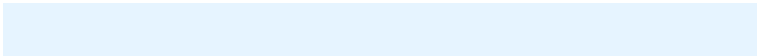
57.2356, 66.1335, 50.3653

Sweetspot

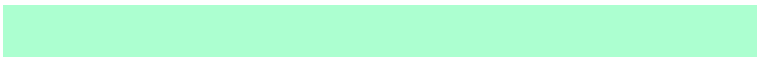
The Sweet Spot groups the original color and five complimentary colors.



60.1366, 66.1360, 104.2037



82.7633, 88.4413, 107.3165



64.1554, 84.8436, 72.6495



17.3696, 18.6003, 22.9247



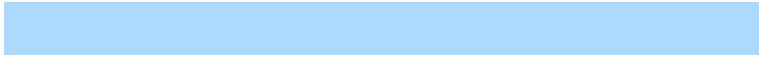
0.0000, 0.0000, 0.0000



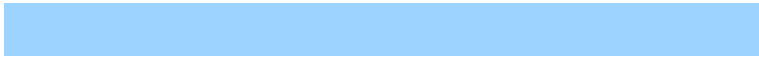
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1366, 66.1360, 104.2037



54.8857, 60.6677, 103.4250



50.8925, 47.6479, 101.1224



17.8379, 19.0474, 22.9863



14.5855, 14.0805, 51.3837



1.5292, 1.5891, 5.0394

Inverse Universe

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



68.6487, 55.8287, 73.4903



64.7696, 49.5728, 67.5659



82.7070, 92.2791, 52.4842



18.4308, 18.1556, 20.8858



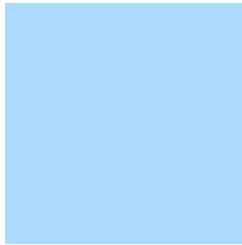
24.1503, 12.1494, 14.7077



2.4065, 1.2050, 1.7219

Previews

White Background



This preview shows how the XYZ color 60.1347, 66.1335, 104.2033 looks on a white background.

Color Contrast Check

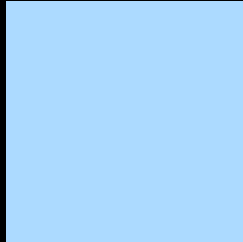
Large Text (above 18pt) WCAG AA × Fail

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 60.1347, 66.1335, 104.2033 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

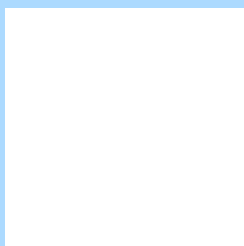
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1347, 66.1335, 104.2033

Background



This preview shows how black text looks on a background with the XYZ color 60.1347, 66.1335, 104.2033.



This preview shows how white text looks on a background with the XYZ color 60.1347, 66.1335,

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

60.1347, 66.1335, 104.2033

Protanopia

65.2038, 65.8327, 99.7129

Deuteranopia

67.1842, 66.0334, 103.8125



Tritanopia

57.4375, 66.2108, 90.6416

Trichromacy



Original Color

60.1347, 66.1335, 104.2033

Protanomaly

63.1032, 65.8232, 101.4747

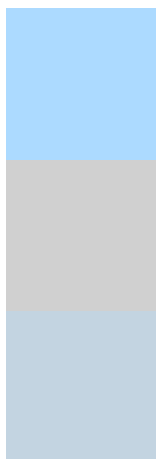
Deuteranomaly

64.3584, 66.0427, 103.9632

Tritanomaly

58.2845, 66.1531, 95.2848

Monochromacy



Original Color

60.1347, 66.1335, 104.2033

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.6398, 64.1253, 80.4682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1347, 66.1335, 104.2033 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(172, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 218, 255)  
}
```

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(172, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 218, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.1347, 66.1335, 104.2033 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(172, 218, 255) }
```


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

```
.border{ border-color:rgb(172, 218, 255) }
```

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

Here you see how a box with a 4 pixel rgb(172, 218, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(172, 218,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1347, 66.1335, 104.2033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 218, 255) }
```

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

```
.background{ background-color: rgb(172,  
218, 255) }
```

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](#).

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