

Converting Colors

XYZ(67.3012, 75.3806, 92.4871)

Have a look what the booklet for
XYZ(67.3012, 75.3806, 92.4871)
contains.

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Color

**XYZ(67.1819, 75.2541,
92.6460)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E7EF
RGB	197, 231, 239
RGB Percent	77%, 91%, 94%
CMY	0.2274, 0.0941, 0.0627
CMYK	0.18, 0.03, 0.00, 0.06
HSL	191°, 57%, 85%
HSV	191°, 18%, 94%
XYZ	67.1819, 75.2541, 92.6460
YIQ	221.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

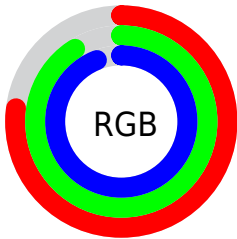
Format	Color
R_{YB}	197, 216, 239
Decimal	12969967
CIE _{Lab}	89.51, -9.40, -7.60
CIE _{LCh}	90, 12.090, 218.957
Yxy	75.2541, 0.2858, 0.3201
Android (android.graphics.Color)	4291160047 (0xFFC5E7EF)
YUV	221.7460, 8.5062, -21.7022
Hunter-Lab	86.7491, -13.5736, -2.5959

Details

The XYZ color **67.1819, 75.2541, 92.6460** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.5067, 66.0448, 62.0149**, and the grayscale version is **69.2072, 72.8114, 79.2916**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **35.2049, 39.9185, 50.6493** is the 20% darker color. If you saturate the color by 10%, you get **60.1564, 69.7679, 91.9586**, and if you desaturate by 10%, it is **75.2371, 81.3242, 93.3943**.

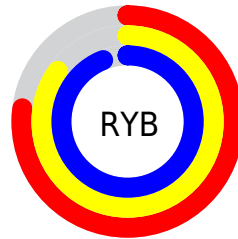
Distribution



Red (77%)

Green (91%)

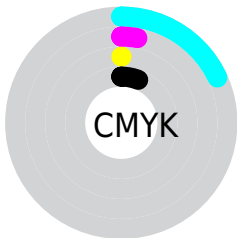
Blue (94%)



Red (77%)

Yellow (85%)

Blue (94%)

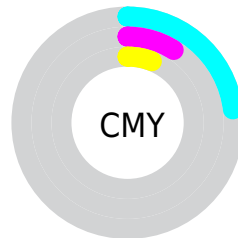


Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (6%)



Cyan (23%)

Magenta (9%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1819, 75.2541, 92.6460 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 67.1819, 75.2541, 92.6460 by changing the saturation by 10% instead.

67.1819, 75.2541,
92.6460

67.1819, 75.2541,
92.6460

440.0143,
478.7905, 557.3918

49.5037, 55.8211,
69.5913

114.2294,
126.6720, 152.9759

35.2354, 40.0595,
50.7187

144.3294,
159.4256, 191.0881

24.0116, 27.5849,
35.6096

179.3007,
197.3883, 235.0566

15.4670, 18.0130,
23.8455

219.5086,
240.9444, 285.2999

9.2363, 10.9593,
15.0079

265.3186,
290.4782, 342.2365

4.9539, 6.0395,
8.6783

317.0960,

2.2547, 2.8691,

346.3743, 406.2850

4.4380

375.2061,
409.0169, 477.8639

■ 0.7714, 1.0638,
1.8686

■ 0.0000, 0.0000,
0.4726

■ 67.1819, 75.2541,
92.6460

■ 67.1819, 75.2541,
92.6460

■ 60.1564, 69.7679,
91.9586

■ 75.2371, 81.3242,
93.3943

■ 54.1071, 64.8318,
91.3246

■ 84.3591, 87.9919,
94.2005

■ 48.9856, 60.4224,
90.7434

■ 89.3690, 92.5896,
94.8239

■ 44.7365, 56.5107,
90.2124

■ 90.7602, 95.3720,
95.2876

■ 41.2985, 53.0649,
89.7285

■ 92.1855, 98.2226,
95.7627

■ 38.6019, 50.0486,
89.2884

■ 92.5802, 99.0121,
95.8943

■ 36.5647, 47.4191,
88.8882

■ 35.0781, 45.1200,
88.5228

■ 34.7595, 44.5906,
88.4374

Harmonies

Analogous

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



66.0385, 75.2541, 84.5089



67.1819, 75.2541, 92.6460



69.4979, 75.2541, 98.1521

Triad

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



67.1819, 75.2541, 92.6460



76.9840, 75.2541, 87.9462



70.6423, 75.2541, 66.8371

Complementary

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



67.1819, 75.2541, 92.6460



67.5067, 66.0448, 62.0149

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.



73.5947, 75.2541, 67.6174



67.1819, 75.2541, 92.6460



77.3110, 75.2541, 79.4215

Square

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



67.1819, 75.2541, 92.6460



75.1737, 75.2541, 95.3110



76.0550, 75.2541, 72.0903



67.9997, 75.2541, 69.8800

Rectangle

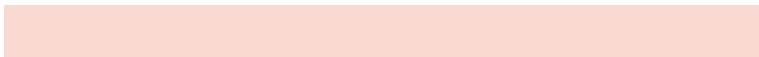
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



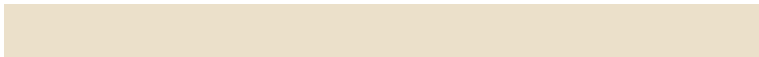
67.1819, 75.2541, 92.6460



71.4230, 75.2541, 99.3830



76.0550, 75.2541, 72.0903



71.6307, 75.2541, 66.6657

Sweetspot

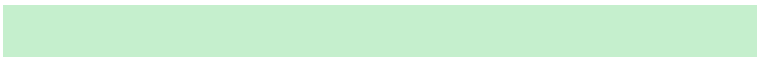
The Sweet Spot groups the original color and five complimentary colors.



67.1841, 75.2572, 92.6477



89.7442, 96.1223, 108.4312



64.8772, 77.9980, 69.2052



19.0548, 20.4605, 23.1949



0.0000, 0.0000, 0.0000



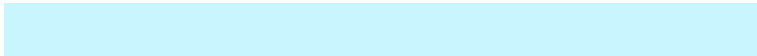
20.3446, 21.4041, 23.3091

Same Dimension

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



67.1841, 75.2572, 92.6477



74.8516, 84.8860, 107.0473



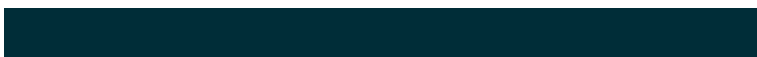
61.7282, 64.3454, 90.8291



15.9767, 17.3875, 20.2357



19.3006, 24.8254, 48.9024



1.6707, 2.1953, 4.0899

Inverse Universe

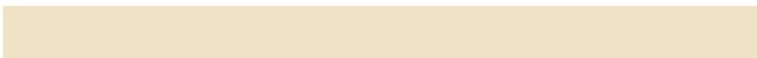
The Inverse Universe completely reimagines the original color for something new.



69.9885, 64.0545, 84.2797



78.6832, 69.8240, 95.5594



72.7909, 76.6131, 63.7763



16.3177, 15.9768, 19.2290



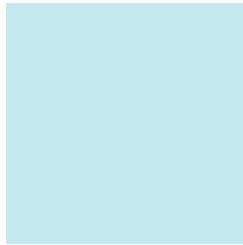
25.0677, 12.2995, 29.3366



2.1182, 1.0363, 2.6134

Previews

White Background



This preview shows how the XYZ color 67.1819, 75.2541, 92.6460 looks on a white background.

Color Contrast Check

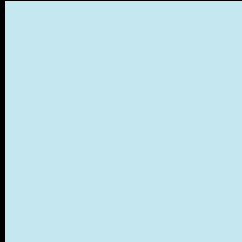
Large Text (above 18pt) WCAG AA × Fail

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 67.1819, 75.2541, 92.6460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

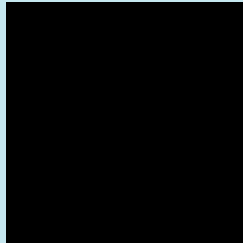
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1819, 75.2541, 92.6460

Background



This preview shows how black text looks on a background with the XYZ color 67.1819, 75.2541, 92.6460.



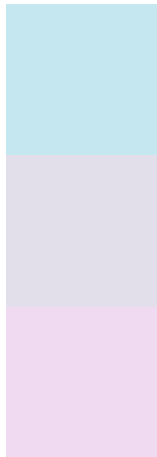
This preview shows how white text looks on a background with the XYZ color 67.1819, 75.2541,

92.6460.

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

67.1819, 75.2541, 92.6460

Protanopia

72.6030, 74.8846, 88.4695

Deuteranopia

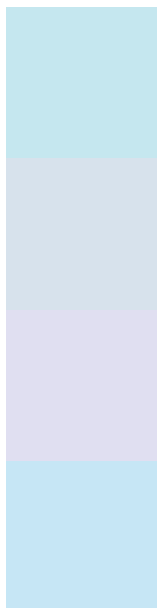
76.6950, 74.9043, 94.4201



Tritanopia

68.7933, 75.5131, 99.7566

Trichromacy



Original Color

67.1819, 75.2541, 92.6460

Protanomaly

70.3610, 74.8959, 90.1048

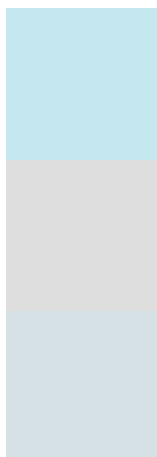
Deuteranomaly

73.0053, 74.9735, 93.8426

Tritanomaly

68.0669, 75.1920, 97.3122

Monochromacy



Original Color

67.1819, 75.2541, 92.6460

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.3694, 73.5980, 84.0012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1819, 75.2541, 92.6460 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(197, 231, 239)` looks like.

```
.text, #text, p{  
    color:rgb(197, 231, 239)  
}
```

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(197, 231, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 231, 239) }
```

Border

The CSS property to change the border of an element to XYZ 67.1819, 75.2541, 92.6460 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(197, 231, 239) }
```


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

```
.border{ border-color:rgb(197, 231, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 231, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 231, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 231, 239);  
box-shadow:4px 4px 4px 4px rgb(197, 231,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1819, 75.2541, 92.6460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 231, 239) }
```

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

```
.background{ background-color: rgb(197,  
231, 239) }
```

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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