

Converting Colors

XYZ(43.5404, 43.8591, 67.1436)

Have a look what the booklet for
XYZ(43.5404, 43.8591, 67.1436)
contains.

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Color

**XYZ(43.5404, 43.8591,
67.1436)**

Conversions

Conversions Part 1

Format	Color
Hex	AAAFD2
RGB	170, 175, 210
RGB Percent	67%, 69%, 82%
CMY	0.3333, 0.3137, 0.1765
CMYK	0.19, 0.17, 0.00, 0.18
HSL	232°, 31%, 75%
HSV	232°, 19%, 82%
XYZ	43.5404, 43.8591, 67.1436
YIQ	177.4950, -14.2150, 9.8250

Conversions

Conversions Part 2

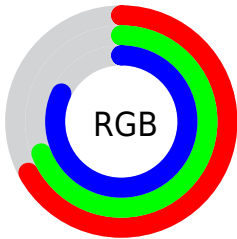
Format	Color
R _Y B	170, 174, 210
Decimal	11186130
CIE Lab	72.13, 5.55, -18.28
CIE LCh	72, 19.102, 286.889
Yxy	43.8591, 0.2817, 0.2838
Android (android.graphics.Color)	4289376210 (0xFFAAAFD2)
YUV	177.4950, 16.0250, -6.5731
Hunter-Lab	66.2262, 1.4589, -13.7530

Details

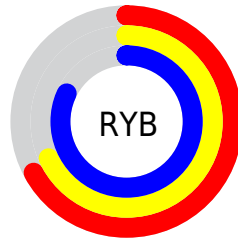
The XYZ color **43.5404, 43.8591, 67.1436** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.6658, 60.2667, 46.7301**, and the grayscale version is **41.9750, 44.1610, 48.0913**.

A 20% lighter version of the original color is **77.7108, 79.9824, 105.9501**, and **20.3355, 20.3144, 33.8596** is the 20% darker color. If you saturate the color by 10%, you get **36.0222, 35.0317, 65.8367**, and if you desaturate by 10%, it is **52.2731, 54.0372, 68.6486**.

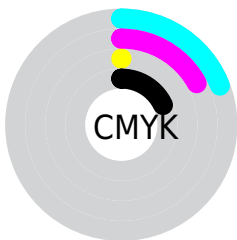
Distribution



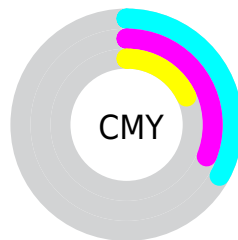
- Red (67%)
- Green (69%)
- Blue (82%)



- Red (67%)
- Yellow (68%)
- Blue (82%)



- Cyan (19%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (33%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5404, 43.8591, 67.1436 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 43.5404, 43.8591, 67.1436 by changing the saturation by 10% instead.

■ 43.5404, 43.8591,
67.1436

■ 43.5404, 43.8591,
67.1436

351.7134,
362.1330, 468.9711

■ 30.5057, 30.5598,
48.7390

■ 79.7764, 81.0057,
116.7688

■ 20.3727, 20.2638,
34.0483

103.7083,
105.6217, 148.8264

■ 12.7761, 12.5870,
22.6531

132.0034,
134.7787, 186.2721

■ 7.3505, 7.1448,
14.1347

165.0270,
168.8612, 229.5245

■ 3.7305, 3.5528,
8.0746

203.1445,
208.2535, 279.0020

■ 1.5508, 1.4267,
4.0542

246.7211,

■ 0.3600, 0.2363,

253.3399, 335.1233

1.6551

296.1223,
304.5050, 398.3068

■ 0.0000, 0.0000,
0.3297

■ 0.0000, 0.0000,
0.0000

■ 43.5404, 43.8591,
67.1436

■ 43.5404, 43.8591,
67.1436

■ 36.0222, 35.0317,
65.8367

■ 52.2731, 54.0372,
68.6486

■ 29.6605, 27.4928,
64.7169

■ 62.2667, 65.6139,
70.3564

■ 24.3988, 21.1834,
63.7763

■ 73.5702, 78.6414,
72.2752

■ 20.1739, 16.0377,
63.0058

■ 86.2287, 93.1678,
74.4119

■ 16.9165, 11.9838,
62.3950

■ 88.6330, 97.4332,
75.1085

■ 14.5482, 8.9416,
61.9326

■ 12.9784, 6.8195,
61.6057

■ 12.0735, 5.4971,
61.3982

■ 12.0081, 5.4035,
61.3836

Harmonies

Analogous

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



40.2765, 43.8591, 67.5299



43.5404, 43.8591, 67.1436



46.4480, 43.8591, 61.1507

Triad

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



43.5404, 43.8591, 67.1436



46.1337, 43.8591, 35.7775



35.8574, 43.8591, 43.7852

Complementary

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



43.5404, 43.8591, 67.1436



55.6658, 60.2667, 46.7301

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.



37.2626, 43.8591, 36.4743



43.5404, 43.8591, 67.1436



43.1296, 43.8591, 32.2750

Square

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



43.5404, 43.8591, 67.1436



47.9980, 43.8591, 42.7119



39.8865, 43.8591, 32.5122



35.9545, 43.8591, 53.1804

Rectangle

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



43.5404, 43.8591, 67.1436



47.7420, 43.8591, 55.1787



39.8865, 43.8591, 32.5122



36.1665, 43.8591, 41.0291

Sweetspot

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



43.5418, 43.8609, 67.1446



85.5205, 88.9670, 107.2727



50.6043, 59.0318, 66.2748



18.0923, 18.7960, 22.9244



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.



43.5418, 43.8609, 67.1446



62.4238, 62.0382, 103.2922



45.9359, 43.6766, 66.9828



11.2811, 11.6525, 14.8982



7.3648, 3.3763, 37.4560



0.4521, 0.2694, 2.1077

Inverse Universe

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



48.6921, 45.5474, 46.7845



71.9201, 65.2424, 65.7303



52.8951, 60.6429, 46.9488



11.8680, 11.8320, 12.5809



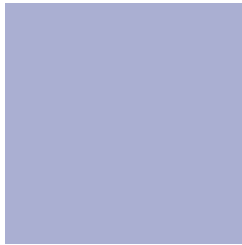
16.3482, 8.4121, 1.4737



0.9344, 0.4785, 0.1896

Previews

White Background



This preview shows how the XYZ color 43.5404, 43.8591, 67.1436 looks on a white background.

Color Contrast Check

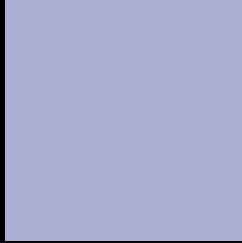
Large Text (above 18pt) WCAG AA × Fail

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 43.5404, 43.8591, 67.1436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

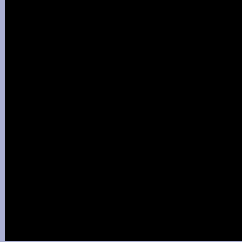
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5404, 43.8591, 67.1436

Background



This preview shows how black text looks on a background with the XYZ color 43.5404, 43.8591, 67.1436.



This preview shows how white text looks on a background with the XYZ color 43.5404, 43.8591,

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

43.5404, 43.8591, 67.1436

Protanopia

43.5404, 43.8591, 67.1436

Deuteranopia

44.7079, 43.8874, 67.0875



Tritanopia

41.3712, 43.8621, 56.1549

Trichromacy



Original Color

43.5404, 43.8591, 67.1436

Protanomaly

43.5404, 43.8591, 67.1436

Deuteranomaly

44.2245, 43.9239, 67.1201

Tritanomaly

42.1794, 43.8926, 60.2819

Monochromacy



Original Color

43.5404, 43.8591, 67.1436

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.1662, 43.7235, 54.3612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5404, 43.8591, 67.1436 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(170, 175, 210)` looks like.

```
.text, #text, p{  
    color:rgb(170, 175, 210)  
}
```

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(170, 175, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 175, 210) }
```

Border

The CSS property to change the border of an element to XYZ 43.5404, 43.8591, 67.1436 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(170, 175, 210) }
```


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

```
.border{ border-color:rgb(170, 175, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 175, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 175, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 175, 210);  
box-shadow:4px 4px 4px 4px rgb(170, 175,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5404, 43.8591, 67.1436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 175, 210) }
```

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

```
.background{ background-color: rgb(170,  
175, 210) }
```

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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