

Converting Colors

XYZ(21.5666, 13.2768, 8.8235)

Have a look what the booklet for
XYZ(21.5666, 13.2768, 8.8235)
contains.

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Color

**XYZ(21.5657, 13.2761,
8.8231)**

Conversions

Conversions Part 1

Format	Color
Hex	B33B4F
RGB	179, 59, 79
RGB Percent	70%, 23%, 31%
CMY	0.2980, 0.7686, 0.6902
CMYK	0.00, 0.67, 0.56, 0.30
HSL	350°, 50%, 47%
HSV	350°, 67%, 70%
XYZ	21.5657, 13.2761, 8.8231
YIQ	97.1600, 65.1000, 31.6600

Conversions

Conversions Part 2

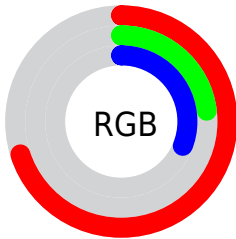
Format	Color
R_{YB}	179, 59, 79
Decimal	11746127
CIE Lab	43.18, 49.89, 15.48
CIE LCh	43, 52.238, 17.239
Yxy	13.2761, 0.4939, 0.3040
Android (android.graphics.Color)	4289936207 (0xFFB33B4F)
YUV	97.1600, -8.9529, 71.7737
Hunter-Lab	36.4364, 41.8856, 11.1483

Details

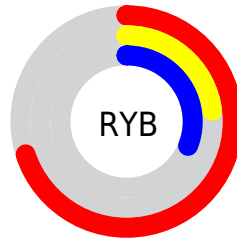
The XYZ color **21.5657, 13.2761, 8.8231** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **24.1827, 35.6736, 38.4147**, and the grayscale version is **11.4123, 12.0066, 13.0752**.

A 20% lighter version of the original color is **45.3980, 31.7195, 24.1518**, and **8.0491, 4.1144, 1.9600** is the 20% darker color. If you saturate the color by 10%, you get **20.3148, 11.5481, 6.0212**, and if you desaturate by 10%, it is **23.2545, 15.6851, 12.3723**.

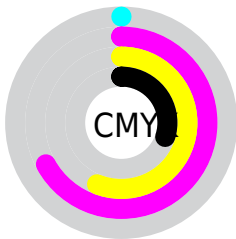
Distribution



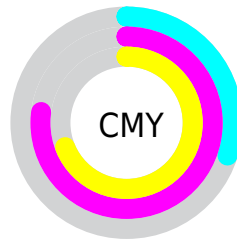
- Red (70%)
- Green (23%)
- Blue (31%)



- Red (70%)
- Yellow (23%)
- Blue (31%)



- Cyan (0%)
- Magenta (67%)
- Yellow (56%)
- Black (30%)





- Cyan (30%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.5657, 13.2761, 8.8231 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 21.5657, 13.2761, 8.8231 by changing the saturation by 10% instead.


 21.5657, 13.2761,
8.8231


 21.5657, 13.2761,
8.8231


252.9450,
212.6797, 192.2219


 13.6529, 7.6189,
4.5307


 45.5114, 31.7989,
24.1292


 7.9598, 3.8521,
1.9208


 62.2750, 45.4334,
35.9800


 4.1208, 1.5912,
0.5059

 82.7196, 62.4957,
51.1874

 1.7707, 0.3516,
0.0000

 107.2105, 83.3704,
70.1700

 0.4999, 0.0000,
0.0000

 136.1132,
108.4417, 93.3461

 0.0000, 0.0000,
0.0000

169.7929,

138.0941, 121.1345

208.6151,
172.7119, 153.9536

■ 21.5657, 13.2761,
8.8231

■ 21.5657, 13.2761,
8.8231

■ 20.3148, 11.5481,
6.0212

■ 23.2545, 15.6851,
12.3723

■ 19.4588, 10.4279,
3.9113

■ 25.4167, 18.8339,
16.7173

■ 18.9403, 9.8158,
2.4286

■ 28.0853, 22.7776,
21.9032

■ 18.8225, 9.6766,
2.0924

■ 31.2901, 27.5653,
27.9715

■ 35.0584, 33.2422,
34.9607

■ 39.4157, 39.8503,
42.9074

■ 44.3860, 47.4288,
51.8459

■ 49.9918, 56.0147,
61.8089

■ 56.2545, 65.6433,
72.8276

Harmonies

Analogous

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



21.7906, 13.2761, 19.9351



21.5657, 13.2761, 8.8231



18.6480, 13.2761, 3.5138

Triad

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



21.5657, 13.2761, 8.8231



7.7395, 13.2761, 4.0137



10.9824, 13.2761, 48.7235

Complementary

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



21.5657, 13.2761, 8.8231



24.1827, 35.6736, 38.4147

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.



8.0529, 13.2761, 37.6527



21.5657, 13.2761, 8.8231



6.4670, 13.2761, 10.0849

Square

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



21.5657, 13.2761, 8.8231



10.4575, 13.2761, 1.9289



6.5679, 13.2761, 22.0847



15.0585, 13.2761, 47.7209

Rectangle

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



21.5657, 13.2761, 8.8231



15.8618, 13.2761, 2.1263



6.5679, 13.2761, 22.0847



9.8505, 13.2761, 46.1174

Sweetspot

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



21.5660, 13.2768, 8.8233



60.4454, 55.9974, 58.2934



23.9993, 13.7543, 44.0378



12.9744, 11.7774, 12.1413



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



21.5660, 13.2768, 8.8233



35.6397, 19.6910, 9.0071



23.8423, 18.8241, 6.5154



8.5522, 8.5276, 9.1405



13.3177, 6.8446, 1.5671



0.4366, 0.2224, 0.1419

Inverse Universe

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



21.5660, 13.2768, 8.8233



35.6397, 19.6910, 9.0071



19.1737, 22.6506, 46.0093



8.5522, 8.5276, 9.1405



13.3177, 6.8446, 1.5671



0.4366, 0.2224, 0.1419

Previews

White Background



This preview shows how the XYZ color 21.5657, 13.2761, 8.8231 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 21.5657, 13.2761, 8.8231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.5657, 13.2761, 8.8231

Background



This preview shows how black text looks on a background with the XYZ color 21.5657, 13.2761, 8.8231.



This preview shows how white text looks on a background with the XYZ color 21.5657, 13.2761,

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

21.5657, 13.2761, 8.8231

Protanopia

12.8773, 13.4261, 13.9694

Deuteranopia

13.5963, 13.3540, 8.1643



Tritanopia

21.0369, 13.2919, 6.4579

Trichromacy



Original Color

21.5657, 13.2761, 8.8231

Protanomaly

14.7753, 12.3338, 11.7271

Deuteranomaly

15.7680, 12.6883, 8.2746

Tritanomaly

21.1343, 13.2447, 7.2369

Monochromacy



Original Color

21.5657, 13.2761, 8.8231

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

13.6911, 11.4367, 11.1588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5657, 13.2761, 8.8231 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(179, 59, 79)` looks like.

```
.text, #text, p{  
    color:rgb(179, 59, 79)  
}
```

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(179, 59, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 59, 79) }
```

Border

The CSS property to change the border of an element to XYZ 21.5657, 13.2761, 8.8231 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(179, 59, 79) }
```


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

```
.border{ border-color:rgb(179, 59, 79) }
```

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

Here you see how a box with a 4 pixel rgb(179, 59, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 59, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 59, 79);  
box-shadow:4px 4px 4px 4px rgb(179, 59,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5657, 13.2761, 8.8231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 59, 79) }
```

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

```
.background{ background-color: rgb(179, 59,  
79) }
```

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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