

Converting Colors

XYZ(21.5542, 10.8243, 13.9894)

Have a look what the booklet for
XYZ(21.5542, 10.8243, 13.9894)
contains.

XYZ(21.5547, 10.8232, 14.0497)	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(21.5547, 10.8232,
14.0497)**

Conversions

Conversions Part 1

Format	Color
Hex	B50068
RGB	181, 0, 104
RGB Percent	71%, 0%, 41%
CMY	0.2902, 0.9999, 0.5922
CMYK	0.00, 1.00, 0.43, 0.29
HSL	326°, 100%, 35%
HSV	326°, 100%, 71%
XYZ	21.5547, 10.8232, 14.0497
YIQ	65.9750, 74.4920, 70.7160

Conversions

Conversions Part 2

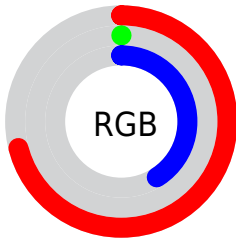
Format	Color
RYB	181, 0, 104
Decimal	11862120
CIELab	39.28, 66.63, -5.75
CIELCh	39, 66.877, 355.066
Yxy	10.8232, 0.4643, 0.2331
Android (android.graphics.Color)	4290052200 (0xFFB50068)
YUV	65.9750, 18.7463, 100.8769
Hunter-Lab	32.8986, 59.3780, -2.2914

Details

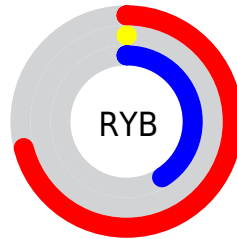
The XYZ color **21.5547, 10.8232, 14.0497** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **17.8647, 33.5841, 12.5672**, and the grayscale version is **5.1407, 5.4084, 5.8897**.

A 20% lighter version of the original color is **45.6276, 27.4303, 33.9001**, and **8.7646, 4.4330, 4.2646** is the 20% darker color. If you saturate the color by 10%, you get **21.5541, 10.8230, 14.0465**, and if you desaturate by 10%, it is **22.1824, 11.4237, 16.2780**.

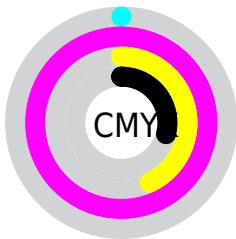
Distribution



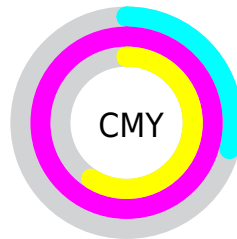
- Red (71%)
- Green (0%)
- Blue (41%)



- Red (71%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5547, 10.8232, 14.0497 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 21.5547, 10.8232, 14.0497 by changing the saturation by 10% instead.

■ 21.5547, 10.8232,
14.0497

■ 21.5547, 10.8232,
14.0497

252.8882,
196.4505, 228.9790

■ 13.6448, 5.9481,
8.0161

■ 45.4933, 27.3328,
33.8956

■ 7.9541, 2.8135,
4.0173

■ 62.2527, 39.7360,
48.5449

■ 4.1172, 1.0352,
1.6349

■ 82.6926, 55.4174,
66.9033

■ 1.7686, 0.0000,
0.3155

■ 107.1785, 74.7613,
89.3892

■ 0.4987, 0.0000,
0.0000

■ 136.0756, 98.1522,
116.4212

■ 0.0000, 0.0000,
0.0000

■ 169.7494,

125.9745, 148.4178

208.5651,
158.6124, 185.7975

■ 21.5547, 10.8232,
14.0497

■ 21.5547, 10.8232,
14.0497

■ 21.5541, 10.8230,
14.0465

■ 22.1824, 11.4237,
16.2780

■ 23.0478, 12.4410,
18.7664

■ 24.2280, 14.0278,
21.5448

■ 25.7606, 16.2579,
24.6300

■ 27.6775, 19.1938,
28.0369

■ 30.0068, 22.8906,
31.7785

■ 32.7740, 27.3979,
35.8674

■ 36.0024, 32.7610,
40.3149

■ 39.7134, 39.0219,
45.1319

Harmonies

Analogous

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



19.1472, 10.8232, 32.4618



21.5547, 10.8232, 14.0497



20.2968, 10.8232, 4.0897

Triad

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



21.5547, 10.8232, 14.0497



7.0366, 10.8232, 0.4997



6.0816, 10.8232, 46.0624

Complementary

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



21.5547, 10.8232, 14.0497



17.8647, 33.5841, 12.5672

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.



4.2668, 10.8232, 25.7277



21.5547, 10.8232, 14.0497



4.6947, 10.8232, 2.5227

Square

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



21.5547, 10.8232, 14.0497



11.0503, 10.8232, 0.0767



3.8457, 10.8232, 9.7771



9.5599, 10.8232, 57.8021

Rectangle

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



21.5547, 10.8232, 14.0497



17.6977, 10.8232, 1.5023



3.8457, 10.8232, 9.7771



5.3020, 10.8232, 39.5126

Sweetspot

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



21.5550, 10.8238, 14.0499



58.4217, 48.6150, 63.8438



11.2764, 4.8502, 44.0578



12.1655, 9.7519, 13.1291



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.



21.5550, 10.8238, 14.0499



38.4869, 19.3373, 24.5454



19.1433, 9.8592, 1.3501



8.6941, 8.5844, 9.8876



14.8942, 7.4753, 9.8690



0.4971, 0.2466, 0.4604

Inverse Universe

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



21.5550, 10.8238, 14.0499



38.4869, 19.3373, 24.5454



23.3997, 35.7980, 41.7138



8.6941, 8.5844, 9.8876



14.8942, 7.4753, 9.8690



0.4971, 0.2466, 0.4604

Previews

White Background



This preview shows how the XYZ color 21.5547, 10.8232, 14.0497 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 21.5547, 10.8232, 14.0497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

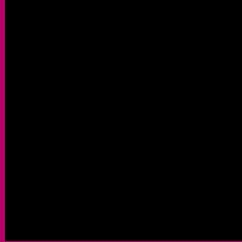
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.5547, 10.8232, 14.0497

Background



This preview shows how black text looks on a background with the XYZ color 21.5547, 10.8232, 14.0497.



This preview shows how white text looks on a background with the XYZ color 21.5547, 10.8232,

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

21.5547, 10.8232, 14.0497

Protanopia

12.1632, 11.4545, 30.0036

Deuteranopia

11.6474, 11.4419, 12.6610



Tritanopia

19.5710, 11.2180, 3.3243

Trichromacy



Original Color

21.5547, 10.8232, 14.0497

Protanomaly

12.6077, 8.3321, 23.1341

Deuteranomaly

13.3318, 8.9343, 12.8262

Tritanomaly

19.9139, 10.7041, 6.0176

Monochromacy



Original Color

21.5547, 10.8232, 14.0497

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

8.4603, 5.4233, 8.1903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5547, 10.8232, 14.0497 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(181, 0, 104)` looks like.

```
.text, #text, p{  
    color:rgb(181, 0, 104)  
}
```

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(181, 0, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 0, 104) }
```

Border

The CSS property to change the border of an element to XYZ 21.5547, 10.8232, 14.0497 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(181, 0, 104) }
```


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

```
.border{ border-color:rgb(181, 0, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 0, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 0, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 0, 104);  
box-shadow:4px 4px 4px 4px rgb(181, 0,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5547, 10.8232, 14.0497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 0, 104) }
```

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

```
.background{ background-color: rgb(181, 0,  
104) }
```

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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