

Converting Colors

XYZ(21.5421, 11.2803, 1.9616)

Have a look what the booklet for
XYZ(21.5421, 11.2803, 1.9616)
contains.

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Color

**XYZ(21.5421, 11.2803,
1.9616)**

Conversions

Conversions Part 1

Format	Color
Hex	BE0C19
RGB	190, 12, 25
RGB Percent	75%, 5%, 10%
CMY	0.2549, 0.9528, 0.9020
CMYK	0.00, 0.94, 0.87, 0.25
HSL	356°, 88%, 40%
HSV	356°, 94%, 75%
XYZ	21.5421, 11.2803, 1.9616
YIQ	66.7040, 101.9150, 41.7790

Conversions

Conversions Part 2

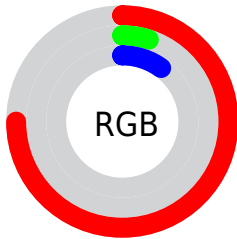
Format	Color
RYB	190, 12, 25
Decimal	12454937
CIELab	40.05, 63.26, 44.21
CIELCh	40, 77.176, 34.945
Yxy	11.2803, 0.6193, 0.3243
Android (android.graphics.Color)	4290645017 (0xFFBE0C19)
YUV	66.7040, -20.5601, 108.1306
Hunter-Lab	33.5862, 55.7138, 20.0475

Details

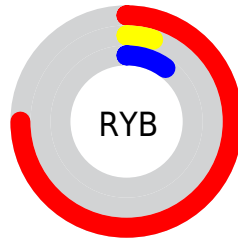
The XYZ color **21.5421, 11.2803, 1.9616** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **26.5046, 40.0806, 47.9524**, and the grayscale version is **5.3114, 5.5880, 6.0854**.

A 20% lighter version of the original color is **45.6258, 28.2119, 9.0019**, and **8.7524, 4.5120, 0.4096** is the 20% darker color. If you saturate the color by 10%, you get **21.3132, 10.9783, 1.4055**, and if you desaturate by 10%, it is **22.1549, 12.1005, 3.4166**.

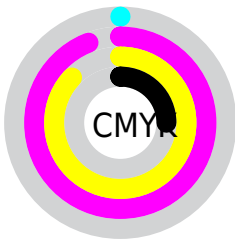
Distribution



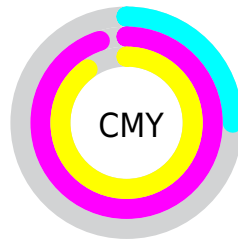
- Red (75%)
- Green (5%)
- Blue (10%)



- Red (75%)
- Yellow (5%)
- Blue (10%)



- Cyan (0%)
- Magenta (94%)
- Yellow (87%)
- Black (25%)





- Cyan (25%)
- Magenta (95%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.5421, 11.2803, 1.9616 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 21.5421, 11.2803, 1.9616 by changing the saturation by 10% instead.


 21.5421, 11.2803,
1.9616


 21.5421, 11.2803,
1.9616


252.8231,
199.5806, 121.7776

 13.6355, 6.2557,
0.5315


 45.4725, 28.1773,
8.9355


 7.9476, 3.0012,
0.0000


 62.2271, 40.8186,
15.3780

 4.1130, 1.1323,
0.0000

 82.6617, 56.7674,
24.3488

 1.7662, 0.0054,
0.0000

 107.1418, 76.4084,
36.2666


 0.4972, 0.0000,
0.0000


 136.0326,
100.1258, 51.5498


 0.0000, 0.0000,
0.0000


 169.6995,


128.3040, 70.6170


 208.5079,
161.3275, 93.8868


 21.5421, 11.2803,
1.9616

 21.5421, 11.2803,
1.9616


 21.3132, 10.9783,
1.4055

 22.1549, 12.1005,
3.4166

 23.1988, 13.5599,
5.7017

 24.7349, 15.7555,
8.9165

 26.8142, 18.7669,
13.1463

 29.4814, 22.6637,
18.4668

■ 32.7763, 27.5081,
24.9465

■ 36.7356, 33.3564,
32.6482

■ 41.3928, 40.2608,
41.6304

■ 46.7794, 48.2698,
51.9475

Harmonies

Analogous

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



24.5621, 11.2803, 9.9164



21.5421, 11.2803, 1.9616



15.6882, 11.2803, 0.0000

Triad

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



21.5421, 11.2803, 1.9616



3.8472, 11.2803, 3.5599



11.6319, 11.2803, 71.1133

Complementary

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



21.5421, 11.2803, 1.9616



26.5046, 40.0806, 47.9524

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.



6.9323, 11.2803, 62.8780



21.5421, 11.2803, 1.9616



3.3971, 11.2803, 14.9975

Square

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



21.5421, 11.2803, 1.9616



5.8474, 11.2803, 0.4047



4.3120, 11.2803, 38.0240



17.7496, 11.2803, 55.6404

Rectangle

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



21.5421, 11.2803, 1.9616



11.6527, 11.2803, 0.0000



4.3120, 11.2803, 38.0240



9.8415, 11.2803, 71.0974

Sweetspot

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



21.5423, 11.2810, 1.9618



62.9816, 55.1399, 52.1984



27.1432, 13.1150, 49.8155



13.1649, 11.1263, 10.1656



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



21.5423, 11.2810, 1.9618



38.5907, 19.8816, 2.3767



24.6443, 17.6591, 2.4586



9.5576, 9.5473, 10.0594



14.1837, 7.3046, 0.9949



0.5653, 0.2900, 0.0902

Inverse Universe

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



21.5423, 11.2810, 1.9618



38.5907, 19.8816, 2.3767



15.6741, 16.2517, 51.0254



9.5576, 9.5473, 10.0594



14.1837, 7.3046, 0.9949



0.5653, 0.2900, 0.0902

Previews

White Background



This preview shows how the XYZ color 21.5421, 11.2803, 1.9616 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 21.5421,
11.2803, 1.9616 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 21.5421, 11.2803, 1.9616

Background



This preview shows how black text looks on a background with the XYZ color 21.5421, 11.2803, 1.9616.



This preview shows how white text looks on a background with the XYZ color 21.5421, 11.2803,

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

21.5421, 11.2803, 1.9616

Protanopia

10.6642, 11.6587, 3.8788

Deuteranopia

11.7671, 11.6197, 1.6226



Tritanopia

21.4357, 11.3480, 1.0606

Trichromacy



Original Color

21.5421, 11.2803, 1.9616

Protanomaly

12.5253, 9.2263, 2.7898

Deuteranomaly

13.8046, 9.6680, 1.3970

Tritanomaly

21.4553, 11.3085, 1.3104

Monochromacy



Original Color

21.5421, 11.2803, 1.9616

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

8.3184, 5.7257, 3.9156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5421, 11.2803, 1.9616 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(190, 12, 25)` looks like.

```
.text, #text, p{  
  color:rgb(190, 12, 25)  
}
```

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(190, 12, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 12, 25) }
```

Border

The CSS property to change the border of an element to XYZ 21.5421, 11.2803, 1.9616 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(190, 12, 25) }
```


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

```
.border{ border-color:rgb(190, 12, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 12, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 12, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 12, 25);  
box-shadow:4px 4px 4px 4px rgb(190, 12,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5421, 11.2803, 1.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 12, 25) }
```

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

```
.background{ background-color: rgb(190, 12,  
25) }
```

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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