

Converting Colors

XYZ(22.7513, 11.6117, 6.3523)

Have a look what the booklet for
XYZ(22.7513, 11.6117, 6.3523)
contains.

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Color

**XYZ(22.7513, 11.6117,
6.3523)**

Conversions

Conversions Part 1

Format	Color
Hex	C00043
RGB	192, 0, 67
RGB Percent	75%, 0%, 26%
CMY	0.2471, 0.9999, 0.7373
CMYK	0.00, 1.00, 0.65, 0.25
HSL	339°, 100%, 38%
HSV	339°, 100%, 75%
XYZ	22.7513, 11.6117, 6.3523
YIQ	65.0460, 92.9250, 61.5410

Conversions

Conversions Part 2

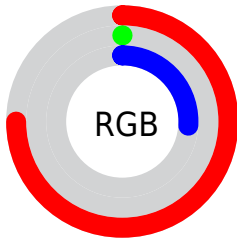
Format	Color
R_{YB}	192, 0, 67
Decimal	12582979
CIE Lab	40.59, 66.52, 20.00
CIE LCh	41, 69.462, 16.737
Yxy	11.6117, 0.5588, 0.2852
Android (android.graphics.Color)	4290773059 (0xFFC00043)
YUV	65.0460, 0.9633, 111.3387
Hunter-Lab	34.0759, 59.5452, 12.8006

Details

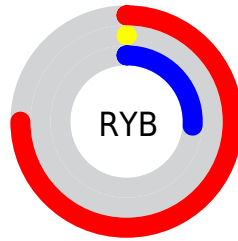
The XYZ color **22.7513, 11.6117, 6.3523** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **22.5539, 39.1808, 25.7880**, and the grayscale version is **5.0231, 5.2847, 5.7550**.

A 20% lighter version of the original color is **47.5048, 28.8385, 19.2823**, and **9.3814, 4.8160, 1.3548** is the 20% darker color. If you saturate the color by 10%, you get **22.7505, 11.6113, 6.3486**, and if you desaturate by 10%, it is **23.4046, 12.2520, 8.6247**.

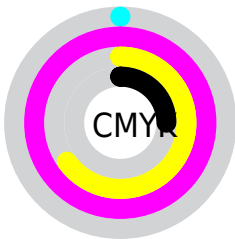
Distribution



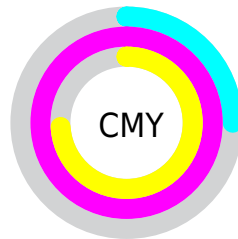
- Red (75%)
- Green (0%)
- Blue (26%)



- Red (75%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.7513, 11.6117, 6.3523 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 22.7513, 11.6117, 6.3523 by changing the saturation by 10% instead.


 22.7513, 11.6117,
6.3523


 22.7513, 11.6117,
6.3523


259.0043,
201.8174, 171.5892


 14.5297, 6.4799,
2.9882


 47.4543, 28.7859,
19.1480


 8.5741, 3.1390,
1.0886


 64.6664, 41.5970,
29.4167

 4.5193, 1.2047,
0.0000

 85.6060, 57.7367,
42.8241

 1.9999, 0.0656,
0.0000

 110.6385, 77.5894,
59.7886

 0.6339, 0.0000,
0.0000

 140.1292,
101.5394, 80.7288

 0.0000, 0.0000,
0.0000

 174.4435,

129.9711, 106.0633

213.9467,
163.2690, 136.2106

■ 22.7513, 11.6117,
6.3523

■ 22.7513, 11.6117,
6.3523

■ 22.7505, 11.6113,
6.3486

■ 23.4046, 12.2520,
8.6247

■ 24.3772, 13.3935,
11.4266

■ 25.7574, 15.2058,
14.8096

■ 27.5919, 17.7758,
18.8093

■ 29.9208, 21.1774,
23.4583

■ 32.7793, 25.4752,
28.7862

■ 36.1994, 30.7277,
34.8209

■ 40.2105, 36.9884,
41.5884

■ 44.8397, 44.3065,
49.1132

Harmonies

Analogous

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



22.9918, 11.6117, 19.9045



22.7513, 11.6117, 6.3523



18.8412, 11.6117, 1.4121

Triad

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



22.7513, 11.6117, 6.3523



5.4961, 11.6117, 1.6980



9.0118, 11.6117, 61.3417

Complementary

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



22.7513, 11.6117, 6.3523



22.5539, 39.1808, 25.7880

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.



5.7540, 11.6117, 44.2618



22.7513, 11.6117, 6.3523



4.1683, 11.6117, 7.4052

Square

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



22.7513, 11.6117, 6.3523



8.5379, 11.6117, 0.2424



4.2461, 11.6117, 22.1225



13.9805, 11.6117, 60.1352

Rectangle

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



22.7513, 11.6117, 6.3523



15.1947, 11.6117, 0.4315



4.2461, 11.6117, 22.1225



7.7160, 11.6117, 57.2109

Sweetspot

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



22.7516, 11.6124, 6.3525



65.2572, 55.1591, 62.5164



17.9448, 8.1524, 50.4966



13.4121, 10.9271, 12.3865



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.



22.7516, 11.6124, 6.3525



41.1159, 20.9965, 10.9398



22.1735, 12.0769, 1.1635



10.2150, 10.1346, 11.2229



15.3423, 7.8267, 4.4486



0.6957, 0.3513, 0.3651

Inverse Universe

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



22.7516, 11.6124, 6.3525



41.1159, 20.9965, 10.9398



22.6484, 30.0732, 54.4798



10.2150, 10.1346, 11.2229



15.3423, 7.8267, 4.4486



0.6957, 0.3513, 0.3651

Previews

White Background



This preview shows how the XYZ color 22.7513, 11.6117, 6.3523 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 22.7513, 11.6117, 6.3523 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 22.7513, 11.6117, 6.3523

Background



This preview shows how black text looks on a background with the XYZ color 22.7513, 11.6117, 6.3523.



This preview shows how white text looks on a background with the XYZ color 22.7513, 11.6117,

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

22.7513, 11.6117, 6.3523

Protanopia

11.8278, 12.3265, 13.3111

Deuteranopia

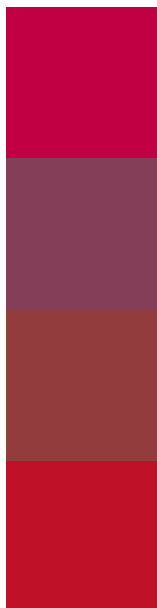
12.3742, 12.2328, 5.7120



Tritanopia

22.0427, 11.9262, 2.0044

Trichromacy



Original Color

22.7513, 11.6117, 6.3523

Protanomaly

13.1158, 9.1199, 10.0859

Deuteranomaly

14.3122, 9.6796, 5.5289

Tritanomaly

22.0693, 11.6305, 3.0892

Monochromacy



Original Color

22.7513, 11.6117, 6.3523

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

8.3319, 5.3587, 5.7495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7513, 11.6117, 6.3523 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(192, 0, 67)` looks like.

```
.text, #text, p{  
  color:rgb(192, 0, 67)  
}
```

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(192, 0, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 67) }
```

Border

The CSS property to change the border of an element to XYZ 22.7513, 11.6117, 6.3523 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(192, 0, 67) }
```


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

```
.border{ border-color:rgb(192, 0, 67) }
```

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

Here you see how a box with a 4 pixel rgb(192, 0, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 67);  
box-shadow:4px 4px 4px 4px rgb(192, 0, 67)  
}
```

Background

The CSS property to change the background color of an element to XYZ 22.7513, 11.6117, 6.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 67) }
```

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

```
.background{ background-color: rgb(192, 0,  
67) }
```

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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