

Converting Colors

XYZ(20.9977, 11.5702, 5.8292)

Have a look what the booklet for
XYZ(20.9977, 11.5702, 5.8292)
contains.

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Color

**XYZ(20.9977, 11.5702,
5.8292)**

Conversions

Conversions Part 1

Format	Color
Hex	B7223F
RGB	183, 34, 63
RGB Percent	72%, 13%, 25%
CMY	0.2824, 0.8666, 0.7529
CMYK	0.00, 0.81, 0.66, 0.28
HSL	348°, 69%, 43%
HSV	348°, 81%, 72%
XYZ	20.9977, 11.5702, 5.8292
YIQ	81.8570, 79.4950, 40.6070

Conversions

Conversions Part 2

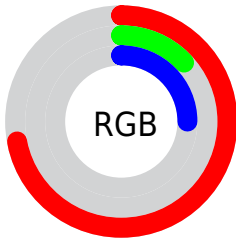
Format	Color
R_{YB}	183, 34, 63
Decimal	12001855
CIE Lab	40.52, 58.62, 22.08
CIE LCh	41, 62.639, 20.638
Yxy	11.5702, 0.5469, 0.3013
Android (android.graphics.Color)	4290191935 (0xFFB7223F)
YUV	81.8570, -9.2965, 88.7024
Hunter-Lab	34.0150, 50.6631, 13.6499

Details

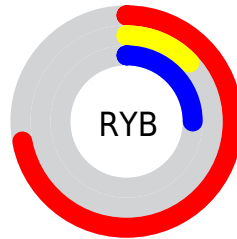
The XYZ color **20.9977, 11.5702, 5.8292** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **23.4272, 36.5406, 36.3953**, and the grayscale version is **7.9994, 8.4160, 9.1650**.

A 20% lighter version of the original color is **44.5629, 28.7227, 17.9472**, and **8.1614, 4.1917, 1.0884** is the 20% darker color. If you saturate the color by 10%, you get **20.2483, 10.6449, 3.8121**, and if you desaturate by 10%, it is **22.1362, 13.0975, 8.5203**.

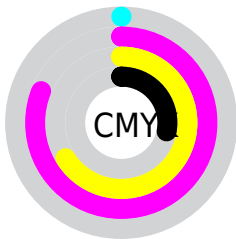
Distribution



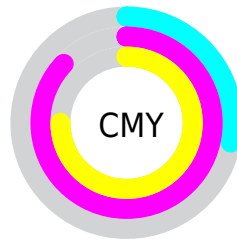
- Red (72%)
- Green (13%)
- Blue (25%)



- Red (72%)
- Yellow (13%)
- Blue (25%)



- Cyan (0%)
- Magenta (81%)
- Yellow (66%)
- Black (28%)





- Cyan (28%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.9977, 11.5702, 5.8292 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 20.9977, 11.5702, 5.8292 by changing the saturation by 10% instead.


 20.9977, 11.5702,
5.8292


 20.9977, 11.5702,
5.8292


249.9982,
201.5388, 166.7898


 13.2348, 6.4517,
2.6744


 44.5750, 28.7099,
18.0468


 7.6685, 3.1217,
0.9305


 61.1201, 41.4998,
27.9468


 3.9336, 1.1956,
0.0000

 81.3233, 57.6158,
40.9322

 1.6646, 0.0581,
0.0000

 105.5499, 77.4421,
57.4215

 0.4340, 0.0000,
0.0000

 134.1654,
101.3631, 77.8334

 0.0000, 0.0000,
0.0000

 167.5350,

129.7633, 102.5864

206.0242,
163.0271, 132.0990

■ 20.9977, 11.5702,
5.8292

■ 20.9977, 11.5702,
5.8292

■ 20.2483, 10.6449,
3.8121

■ 22.1362, 13.0975,
8.5203

■ 19.8408, 10.1922,
2.5592

■ 23.7098, 15.3057,
11.9400

■ 25.7588, 18.2636,
16.1379

■ 28.3185, 22.0311,
21.1586

■ 31.4207, 26.6620,
27.0435

■ 35.0947, 32.2055,
33.8311

■ 39.3676, 38.7071,
41.5575

■ 44.2648, 46.2092,
50.2570

■ 49.8102, 54.7516,
59.9618

Harmonies

Analogous

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



21.6686, 11.5702, 16.9770



20.9977, 11.5702, 5.8292



17.3013, 11.5702, 1.6038

Triad

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



20.9977, 11.5702, 5.8292



5.6564, 11.5702, 2.6186



9.6743, 11.5702, 54.9795

Complementary

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



20.9977, 11.5702, 5.8292



23.4272, 36.5406, 36.3953

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.



6.4472, 11.5702, 42.2584



20.9977, 11.5702, 5.8292



4.5716, 11.5702, 9.0452

Square

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



20.9977, 11.5702, 5.8292



8.2703, 11.5702, 0.7866



4.8161, 11.5702, 23.2461



14.2658, 11.5702, 51.7459

Rectangle

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



20.9977, 11.5702, 5.8292



14.0557, 11.5702, 0.7532



4.8161, 11.5702, 23.2461



8.4180, 11.5702, 52.2220

Sweetspot

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



20.9980, 11.5709, 5.8294



60.7816, 54.5426, 56.7923



22.2947, 11.3557, 45.8164



12.9063, 11.2643, 11.5862



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



20.9980, 11.5709, 5.8294



35.6015, 18.3633, 4.6813



22.5923, 15.7328, 3.3603



9.0741, 9.0400, 9.7378



13.8611, 7.1182, 1.8895



0.5102, 0.2595, 0.1799

Inverse Universe

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



20.9980, 11.5709, 5.8294



35.6015, 18.3633, 4.6813



18.3394, 22.0234, 48.0839



9.0741, 9.0400, 9.7378



13.8611, 7.1182, 1.8895



0.5102, 0.2595, 0.1799

Previews

White Background



This preview shows how the XYZ color 20.9977, 11.5702, 5.8292 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



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 20.9977, 11.5702, 5.8292

Background



This preview shows how black text looks on a background with the XYZ color 20.9977, 11.5702, 5.8292.



This preview shows how white text looks on a background with the XYZ color 20.9977, 11.5702,

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

20.9977, 11.5702, 5.8292

Protanopia

11.3112, 11.8370, 10.9211

Deuteranopia

11.9879, 11.7817, 5.2567



Tritanopia

20.3999, 11.5493, 3.1615

Trichromacy



Original Color

20.9977, 11.5702, 5.8292

Protanomaly

13.1539, 10.1549, 8.6639

Deuteranomaly

14.1723, 10.5627, 5.2948

Tritanomaly

20.4865, 11.4816, 3.9327

Monochromacy



Original Color

20.9977, 11.5702, 5.8292

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

10.7680, 8.2105, 7.6739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9977, 11.5702, 5.8292 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(183, 34, 63)` looks like.

```
.text, #text, p{  
    color:rgb(183, 34, 63)  
}
```

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(183, 34, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 34, 63) }
```

Border

The CSS property to change the border of an element to XYZ 20.9977, 11.5702, 5.8292 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(183, 34, 63) }
```


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

```
.border{ border-color:rgb(183, 34, 63) }
```

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

Here you see how a box with a 4 pixel rgb(183, 34, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 34, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 34, 63);  
box-shadow:4px 4px 4px 4px rgb(183, 34,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9977, 11.5702, 5.8292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 34, 63) }
```

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

```
.background{ background-color: rgb(183, 34,  
63) }
```

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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