

Converting Colors

XYZ(11.8963, 10.6103, 22.4779)

Have a look what the booklet for
XYZ(11.8963, 10.6103, 22.4779)
contains.

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Color

**XYZ(11.8713, 10.5944,
22.5383)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5682
RGB	93, 86, 130
RGB Percent	36%, 34%, 51%
CMY	0.6353, 0.6627, 0.4902
CMYK	0.28, 0.34, 0.00, 0.49
HSL	250°, 20%, 42%
HSV	250°, 34%, 51%
XYZ	11.8713, 10.5944, 22.5383
YIQ	93.1090, -9.9520, 15.1680

Conversions

Conversions Part 2

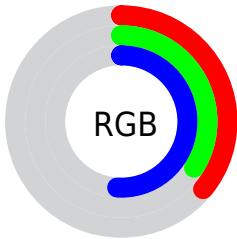
Format	Color
R_{YB}	93, 86, 130
Decimal	6116994
CIE _{Lab}	38.89, 13.34, -23.67
CIE _{LCh}	39, 27.175, 299.408
Yxy	10.5944, 0.2638, 0.2354
Android (android.graphics.Color)	4284307074 (0xFF5D5682)
YUV	93.1090, 18.1873, -0.0956
Hunter-Lab	32.5490, 8.1418, -18.2705

Details

The XYZ color **11.8713, 10.5944, 22.5383** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.8307, 20.8482, 11.8887**, and the grayscale version is **10.3907, 10.9319, 11.9048**.

A 20% lighter version of the original color is **28.8530, 26.9565, 48.4822**, and **3.3231, 2.7230, 7.9399** is the 20% darker color. If you saturate the color by 10%, you get **9.8978, 8.1740, 22.1753**, and if you desaturate by 10%, it is **14.1925, 13.4748, 22.9721**.

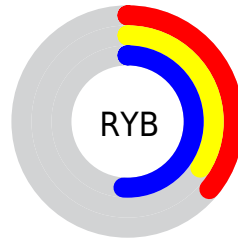
Distribution



Red (36%)

Green (34%)

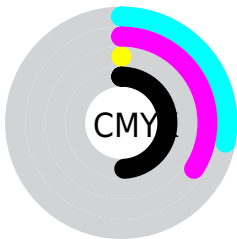
Blue (51%)



Red (36%)

Yellow (34%)

Blue (51%)

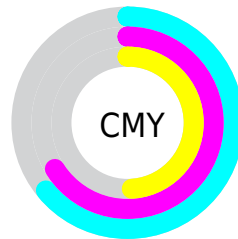


Cyan (28%)

Magenta (34%)

Yellow (0%)

Black (49%)



Cyan (64%)

Magenta (66%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8713, 10.5944, 22.5383 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 11.8713, 10.5944, 22.5383 by changing the saturation by 10% instead.

■ 11.8713, 10.5944,
22.5383

■ 11.8713, 10.5944,
22.5383

197.3388,
194.8633, 278.3893

■ 6.7277, 5.7948,
14.0509

■ 28.8794, 26.9077,
48.5476

■ 3.3372, 2.7207,
8.0169

■ 41.4746, 39.1901,
66.9066

■ 1.3345, 0.9877,
4.0178

■ 57.2843, 54.7357,
89.3932

■ 0.2088, 0.0000,
1.6351

■ 76.6739, 73.9287,
116.4260

■ 0.0000, 0.0000,
0.3157

■ 100.0088, 97.1536,
148.4234

■ 0.0000, 0.0000,
0.0000

127.6544,

124.7947, 185.8041

159.9759,
157.2365, 228.9866

■ 11.8713, 10.5944,
22.5383

■ 11.8713, 10.5944,
22.5383

■ 9.8978, 8.1740,
22.1753

■ 14.1925, 13.4748,
22.9721

■ 8.2540, 6.1885,
21.8787

■ 16.8762, 16.8361,
23.4795

■ 6.9220, 4.6120,
21.6446

■ 19.9374, 20.6995,
24.0638

■ 5.8814, 3.4157,
21.4686

■ 23.3901, 25.0846,
24.7283

■ 5.1096, 2.5668,
21.3454

■ 27.2475, 30.0097,
25.4756

■ 4.5792, 2.0241,
21.2686

■ 31.5222, 35.4924,
26.3086

■ 4.3319, 1.7677,
21.2321

■ 36.2263, 41.5496,
27.2298

■ 41.3714, 48.1973,
28.2417

■ 46.9686, 55.4509,
29.3468

Harmonies

Analogous

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



10.0338, 10.5944, 24.5984



11.8713, 10.5944, 22.5383



13.3615, 10.5944, 17.3678

Triad

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



11.8713, 10.5944, 22.5383



11.9407, 10.5944, 4.9216



6.9833, 10.5944, 11.4331

Complementary

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



11.8713, 10.5944, 22.5383



17.8307, 20.8482, 11.8887

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.



7.3684, 10.5944, 7.1813



11.8713, 10.5944, 22.5383



10.1056, 10.5944, 4.1789

Square

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



11.8713, 10.5944, 22.5383



13.4049, 10.5944, 7.3117



8.4602, 10.5944, 4.8637



7.3393, 10.5944, 17.1352

Rectangle

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



11.8713, 10.5944, 22.5383



13.8799, 10.5944, 13.4602



8.4602, 10.5944, 4.8637



7.0296, 10.5944, 9.8036

Sweetspot

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



11.8717, 10.5948, 22.5385



31.5929, 32.0077, 41.7055



14.9999, 17.8557, 23.7752



7.0118, 7.0695, 9.4133



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.8717, 10.5948, 22.5385



18.0508, 15.1512, 39.1656



14.3750, 11.8854, 22.6557



4.1677, 4.2421, 5.4124



4.1578, 1.6971, 20.3584



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1090, 12.8317, 20.3664



26.8156, 19.7831, 34.4469



15.0743, 19.4272, 11.7597



4.4697, 4.4010, 5.2779



11.4921, 5.6165, 14.4468



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.8713, 10.5944, 22.5383 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 11.8713, 10.5944, 22.5383 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 11.8713, 10.5944, 22.5383

Background



This preview shows how black text looks on a background with the XYZ color 11.8713, 10.5944, 22.5383.

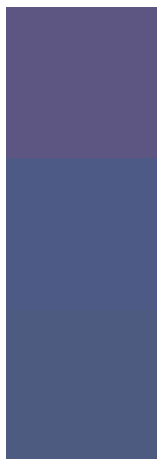


This preview shows how white text looks on a background with the XYZ color 11.8713, 10.5944,

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

11.8713, 10.5944, 22.5383

Protanopia

10.9504, 10.5836, 23.6560

Deuteranopia

10.8454, 10.6869, 22.2600



Tritanopia

10.0098, 10.5814, 13.3192

Trichromacy



Original Color

11.8713, 10.5944, 22.5383

Protanomaly

11.3045, 10.6497, 23.2896

Deuteranomaly

11.1021, 10.5687, 22.2237

Tritanomaly

10.5905, 10.5620, 16.2323

Monochromacy



Original Color

11.8713, 10.5944, 22.5383

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.7719, 10.6801, 15.1294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8713, 10.5944, 22.5383 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(93, 86, 130) looks like.

```
.text, #text, p{  
    color:rgb(93, 86, 130)  
}
```

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(93, 86, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 86, 130) }
```

Border

The CSS property to change the border of an element to XYZ 11.8713, 10.5944, 22.5383 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(93, 86, 130) }
```


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

```
.border{ border-color:rgb(93, 86, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 86, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 86, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 86, 130);  
box-shadow:4px 4px 4px 4px rgb(93, 86,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8713, 10.5944, 22.5383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 86, 130) }
```

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

```
.background{ background-color: rgb(93, 86,  
130) }
```

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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