

Converting Colors

XYZ(12.1395, 11.2076, 18.4411)

Have a look what the booklet for
XYZ(12.1395, 11.2076, 18.4411)
contains.

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Color

**XYZ(12.1501, 11.1958,
18.3503)**

Conversions

Conversions Part 1

Format	Color
Hex	655975
RGB	101, 89, 117
RGB Percent	40%, 35%, 46%
CMY	0.6039, 0.6510, 0.5412
CMYK	0.14, 0.24, 0.00, 0.54
HSL	266°, 14%, 40%
HSV	266°, 24%, 46%
XYZ	12.1501, 11.1958, 18.3503
YIQ	95.7800, -1.8360, 11.2520

Conversions

Conversions Part 2

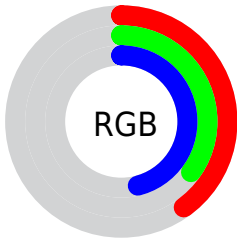
Format	Color
R _Y B	101, 89, 117
Decimal	6642037
CIE Lab	39.91, 10.89, -14.08
CIE LCh	40, 17.800, 307.721
Yxy	11.1958, 0.2914, 0.2685
Android (android.graphics.Color)	4284832117 (0xFF655975)
YUV	95.7800, 10.4615, 4.5779
Hunter-Lab	33.4601, 6.2620, -9.0939

Details

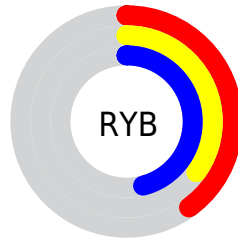
The XYZ color **12.1501, 11.1958, 18.3503** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **13.9905, 16.4474, 11.8890**, and the grayscale version is **11.0410, 11.6160, 12.6499**.

A 20% lighter version of the original color is **29.3429, 28.0052, 41.3951**, and **3.4594, 2.9417, 6.0157** is the 20% darker color. If you saturate the color by 10%, you get **10.5345, 9.0309, 18.0178**, and if you desaturate by 10%, it is **13.9821, 13.7026, 18.7378**.

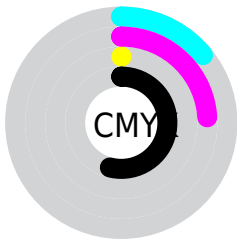
Distribution



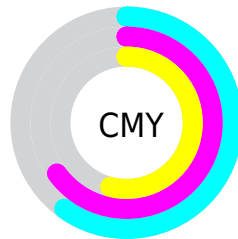
- Red (40%)
- Green (35%)
- Blue (46%)



- Red (40%)
- Yellow (35%)
- Blue (46%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (54%)



- Cyan (60%)
- Magenta (65%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.1501, 11.1958, 18.3503 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 12.1501, 11.1958, 18.3503 by changing the saturation by 10% instead.

■ 12.1501, 11.1958,
18.3503

■ 12.1501, 11.1958,
18.3503

199.1462,
199.0060, 255.1403

■ 6.9189, 6.1987,
11.0297

■ 29.3827, 28.0217,
41.4553

■ 3.4573, 2.9663,
5.9724

■ 42.1148, 40.6192,
58.0768

■ 1.4000, 1.1141,
2.7598

■ 58.0779, 56.5190,
78.6357

■ 0.2562, 0.0000,
0.9733

■ 77.6374, 76.1055,
103.5506

■ 0.0000, 0.0000,
0.0000

■ 101.1586, 99.7631,
133.2399

129.0069,

127.8761, 168.1223

161.5476,
160.8289, 208.6162

■ 12.1501, 11.1958,
18.3503

■ 12.1501, 11.1958,
18.3503

■ 10.5345, 9.0309,
18.0178

■ 13.9821, 13.7026,
18.7378

■ 9.1255, 7.1911,
17.7369

■ 16.0377, 16.5642,
19.1818

■ 7.9140, 5.6604,
17.5053

■ 18.3248, 19.7946,
19.6848

■ 6.8900, 4.4207,
17.3200

■ 20.8511, 23.4065,
20.2488

■ 6.0421, 3.4521,
17.1777

■ 23.6233, 27.4123,
20.8759

■ 5.3579, 2.7319,
17.0748

■ 26.6483, 31.8234,
21.5679

■ 4.8201, 2.2283,
17.0059

■ 29.9325, 36.6510,
22.3266

■ 4.5333, 1.9661,
16.9704

■ 33.4822, 41.9058,
23.1538

■ 37.3033, 47.5981,
24.0511

Harmonies

Analogous

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



10.9612, 11.1958, 20.1814



12.1501, 11.1958, 18.3503



12.9758, 11.1958, 14.9340

Triad

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



12.1501, 11.1958, 18.3503



11.5605, 11.1958, 6.9483



8.4715, 11.1958, 13.1203

Complementary

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



12.1501, 11.1958, 18.3503



13.9905, 16.4474, 11.8890

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.



8.6050, 11.1958, 9.8051



12.1501, 11.1958, 18.3503



10.3276, 11.1958, 6.6482

Square

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



12.1501, 11.1958, 18.3503



12.6176, 11.1958, 8.5079



9.2628, 11.1958, 7.5908



8.8829, 11.1958, 16.8063

Rectangle

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



12.1501, 11.1958, 18.3503



13.1756, 11.1958, 12.4609



9.2628, 11.1958, 7.5908



8.4548, 11.1958, 11.9237

Sweetspot

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



12.1505, 11.1963, 18.3505



27.4771, 27.9243, 34.0787



12.4167, 13.5798, 18.7966



6.2838, 6.3734, 7.8280



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



12.1505, 11.1963, 18.3505



20.0278, 17.7201, 32.5017



13.8101, 12.0518, 18.4282



3.6356, 3.6595, 4.6050



4.9774, 2.1573, 18.6966



23.3147, 10.0276, 91.0670

Inverse Universe

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



13.4587, 11.9470, 14.9617



22.8681, 19.3516, 25.0787



12.5122, 15.6853, 11.8198



3.7634, 3.7327, 4.2810



9.1865, 4.6083, 6.1905



44.3316, 22.2827, 27.8731

Previews

White Background



This preview shows how the XYZ color 12.1501, 11.1958, 18.3503 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 12.1501, 11.1958, 18.3503 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 12.1501, 11.1958, 18.3503

Background



This preview shows how black text looks on a background with the XYZ color 12.1501, 11.1958, 18.3503.



This preview shows how white text looks on a background with the XYZ color 12.1501, 11.1958,

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

12.1501, 11.1958, 18.3503

Protanopia

11.2350, 11.2110, 19.3411

Deuteranopia

11.3932, 11.1906, 18.0825



Tritanopia

11.1163, 11.1518, 13.3710

Trichromacy



Original Color

12.1501, 11.1958, 18.3503

Protanomaly

11.5706, 11.2615, 19.0166

Deuteranomaly

11.6128, 11.1760, 18.0681

Tritanomaly

11.4882, 11.1754, 15.1872

Monochromacy



Original Color

12.1501, 11.1958, 18.3503

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.4500, 11.4248, 14.6984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.1501, 11.1958, 18.3503 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(101, 89, 117)` looks like.

```
.text, #text, p{  
    color:rgb(101, 89, 117)  
}
```

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(101, 89, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 89, 117) }
```

Border

The CSS property to change the border of an element to XYZ 12.1501, 11.1958, 18.3503 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(101, 89, 117) }
```


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

```
.border{ border-color:rgb(101, 89, 117) }
```

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

Here you see how a box with a 4 pixel rgb(101, 89, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 89, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 89, 117);  
box-shadow:4px 4px 4px 4px rgb(101, 89,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 12.1501, 11.1958, 18.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 89, 117) }
```

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

```
.background{ background-color: rgb(101, 89,  
117) }
```

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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