

Converting Colors

XYZ(12.0391, 11.3958, 18.0881)

Have a look what the booklet for
XYZ(12.0391, 11.3958, 18.0881)
contains.

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Color

**XYZ(12.0391, 11.3958,
18.0881)**

Conversions

Conversions Part 1

Format	Color
Hex	635B74
RGB	99, 91, 116
RGB Percent	39%, 36%, 45%
CMY	0.6118, 0.6431, 0.5451
CMYK	0.15, 0.22, 0.00, 0.55
HSL	259°, 12%, 41%
HSV	259°, 22%, 45%
XYZ	12.0391, 11.3958, 18.0881
YIQ	96.2420, -3.2570, 9.4710

Conversions

Conversions Part 2

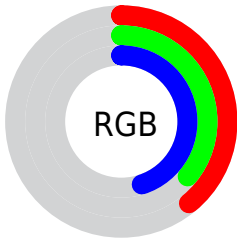
Format	Color
R_{YB}	99, 91, 116
Decimal	6511476
CIE _{Lab}	40.24, 8.69, -12.98
CIE _{LCh}	40, 15.623, 303.814
Yxy	11.3958, 0.2899, 0.2744
Android (android.graphics.Color)	4284701556 (0xFF635B74)
YUV	96.2420, 9.7407, 2.4188
Hunter-Lab	33.7577, 4.5831, -8.1385

Details

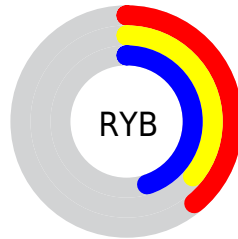
The XYZ color **12.0391, 11.3958, 18.0881** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3184, 16.4346, 12.3156**, and the grayscale version is **11.1549, 11.7359, 12.7804**.

A 20% lighter version of the original color is **29.1704, 28.3609, 40.9825**, and **3.3979, 3.0242, 5.8735** is the 20% darker color. If you saturate the color by 10%, you get **10.3031, 9.1411, 17.7446**, and if you desaturate by 10%, it is **14.0134, 14.0015, 18.4872**.

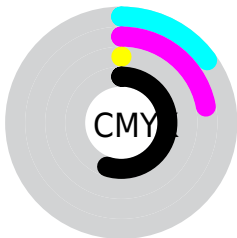
Distribution



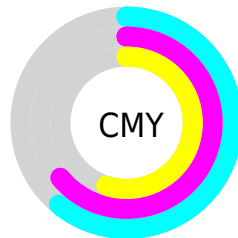
- Red (39%)
- Green (36%)
- Blue (45%)



- Red (39%)
- Yellow (36%)
- Blue (45%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.0391, 11.3958, 18.0881 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 12.0391, 11.3958, 18.0881 by changing the saturation by 10% instead.

■ 12.0391, 11.3958,
18.0881

■ 12.0391, 11.3958,
18.0881

198.4286,
200.3632, 253.6199

■ 6.8427, 6.3337,
10.8432

■ 29.1825, 28.3898,
41.0034

■ 3.4094, 3.0490,
5.8486

■ 41.8603, 41.0905,
57.5107

■ 1.3738, 1.1574,
2.6860

■ 57.7625, 57.1061,
77.9427

■ 0.2374, 0.0265,
0.9363

■ 77.2546, 76.8212,
102.7178

■ 0.0000, 0.0000,
0.0000

■ 100.7019,
100.6201, 132.2545

128.4698,

128.8871, 166.9714

160.9236,
162.0067, 207.2870

■ 12.0391, 11.3958,
18.0881

■ 12.0391, 11.3958,
18.0881

■ 10.3031, 9.1411,
17.7446

■ 14.0134, 14.0015,
18.4872

■ 8.7948, 7.2206,
17.4534

■ 16.2337, 16.9711,
18.9434

■ 7.5045, 5.6184,
17.2121

■ 18.7087, 20.3186,
19.4590

■ 6.4213, 4.3167,
17.0180

■ 21.4466, 24.0568,
20.0363

■ 5.5334, 3.2958,
16.8677

■ 24.4549, 28.1978,
20.6770

■ 4.8274, 2.5336,
16.7578

■ 27.7409, 32.7534,
21.3831

■ 4.2883, 2.0044,
16.6841

■ 31.3117, 37.7348,
22.1564

■ 3.9196, 1.6565,
16.6363

■ 35.1741, 43.1527,
22.9986

■ 39.3345, 49.0176,
23.9114

Harmonies

Analogous

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



10.9713, 11.3958, 19.4061



12.0391, 11.3958, 18.0881



12.8214, 11.3958, 15.2474

Triad

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



12.0391, 11.3958, 18.0881



11.7820, 11.3958, 7.7666



8.8733, 11.3958, 12.8114

Complementary

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



12.0391, 11.3958, 18.0881



14.3184, 16.4346, 12.3156

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.



9.0587, 11.3958, 9.9451



12.0391, 11.3958, 18.0881



10.6927, 11.3958, 7.3342

Square

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



12.0391, 11.3958, 18.0881



12.6662, 11.3958, 9.3607



9.7072, 11.3958, 8.0623



9.1829, 11.3958, 16.0540

Rectangle

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



12.0391, 11.3958, 18.0881



13.0496, 11.3958, 13.0656



9.7072, 11.3958, 8.0623



8.8799, 11.3958, 11.7730

Sweetspot

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



12.0395, 11.3963, 18.0884



26.6848, 27.3487, 32.9169



12.8385, 14.2282, 18.5929



6.3214, 6.4647, 7.8436



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.



12.0395, 11.3963, 18.0884



19.5527, 17.9321, 31.4752



13.5019, 12.1502, 18.1568



3.6008, 3.6415, 4.6033



4.3807, 1.8497, 18.6687



20.5449, 8.5998, 90.9374

Inverse Universe

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



13.6507, 12.2784, 15.8383



22.9641, 19.8015, 26.6311



12.9143, 15.7107, 12.2499



3.7792, 3.7389, 4.3638



9.6532, 4.7950, 8.6478



46.6382, 23.2054, 40.0195

Previews

White Background



This preview shows how the XYZ color 12.0391, 11.3958, 18.0881 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 12.0391, 11.3958, 18.0881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

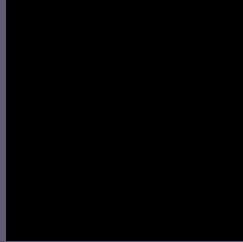
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.0391, 11.3958, 18.0881

Background



This preview shows how black text looks on a background with the XYZ color 12.0391, 11.3958, 18.0881.



This preview shows how white text looks on a background with the XYZ color 12.0391, 11.3958,

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

12.0391, 11.3958, 18.0881

Protanopia

11.3925, 11.4373, 18.7467

Deuteranopia

11.6828, 11.4693, 18.1210



Tritanopia

11.1755, 11.4318, 13.9295

Trichromacy



Original Color

12.0391, 11.3958, 18.0881

Protanomaly

11.6394, 11.4402, 18.4243

Deuteranomaly

11.8034, 11.4020, 18.1017

Tritanomaly

11.4456, 11.4107, 15.2349

Monochromacy



Original Color

12.0391, 11.3958, 18.0881

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.3806, 11.5261, 14.4569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.0391, 11.3958, 18.0881 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(99, 91, 116) looks like.

```
.text, #text, p{  
    color:rgb(99, 91, 116)  
}
```

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(99, 91, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 91, 116) }
```

Border

The CSS property to change the border of an element to XYZ 12.0391, 11.3958, 18.0881 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(99, 91, 116) }
```


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

```
.border{ border-color:rgb(99, 91, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 91, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 91, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 91, 116);  
box-shadow:4px 4px 4px 4px rgb(99, 91,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 12.0391, 11.3958, 18.0881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 91, 116) }
```

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

```
.background{ background-color: rgb(99, 91,  
116) }
```

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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