

Converting Colors

XYZ(11.9061, 11.9466, 16.0403)

Have a look what the booklet for
XYZ(11.9061, 11.9466, 16.0403)
contains.

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Color

**XYZ(11.8895, 11.8852,
16.1354)**

Conversions

Conversions Part 1

Format	Color
Hex	625F6D
RGB	98, 95, 109
RGB Percent	38%, 37%, 43%
CMY	0.6157, 0.6274, 0.5725
CMYK	0.10, 0.13, 0.00, 0.57
HSL	253°, 7%, 40%
HSV	253°, 13%, 43%
XYZ	11.8895, 11.8852, 16.1354
YIQ	97.4930, -2.7060, 4.9900

Conversions

Conversions Part 2

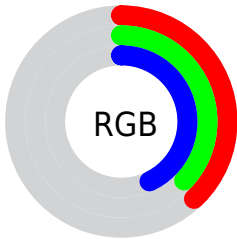
Format	Color
R_{YB}	98, 95, 109
Decimal	6446957
CIE Lab	41.03, 4.23, -7.50
CIE LCh	41, 8.613, 299.400
Yxy	11.8852, 0.2979, 0.2978
Android (android.graphics.Color)	4284637037 (0xFF625F6D)
YUV	97.4930, 5.6730, 0.4446
Hunter-Lab	34.4749, 1.2289, -3.6172

Details

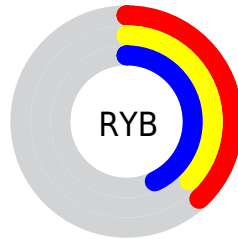
The XYZ color **11.8895, 11.8852, 16.1354** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4785, 14.8280, 12.9787**, and the grayscale version is **11.4709, 12.0683, 13.1424**.

A 20% lighter version of the original color is **28.8650, 29.1784, 37.3684**, and **3.3840, 3.2745, 5.0111** is the 20% darker color. If you saturate the color by 10%, you get **10.1004, 9.6061, 15.7900**, and if you desaturate by 10%, it is **13.9157, 14.4911, 16.5318**.

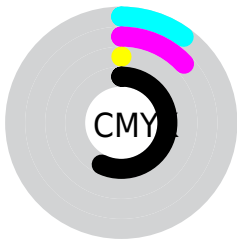
Distribution



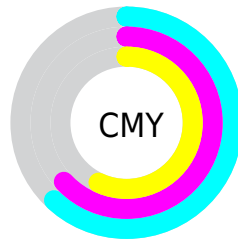
- Red (38%)
- Green (37%)
- Blue (43%)



- Red (38%)
- Yellow (37%)
- Blue (43%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (57%)



- Cyan (62%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8895, 11.8852, 16.1354 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 11.8895, 11.8852, 16.1354 by changing the saturation by 10% instead.

■ 11.8895, 11.8852,
16.1354

■ 11.8895, 11.8852,
16.1354

197.4573,
203.6438, 242.0123

■ 6.7401, 6.6656,
9.4646

■ 28.9123, 29.2858,
37.6032

■ 3.3450, 3.2538,
4.9445

■ 41.5164, 42.2356,
53.2372

■ 1.3387, 1.2656,
2.1566

■ 57.3362, 58.5309,
72.6961

■ 0.2119, 0.1144,
0.6491

■ 76.7370, 78.5561,
96.3984

■ 0.0000, 0.0000,
0.0000

100.0842,
102.6956, 124.7627

127.7430,

131.3338, 158.2074

160.0789,
164.8551, 197.1510

■ 11.8895, 11.8852,
16.1354

■ 11.8895, 11.8852,
16.1354

■ 10.1004, 9.6061,
15.7900

■ 13.9157, 14.4911,
16.5318

■ 8.5384, 7.6395,
15.4927

■ 16.1862, 17.4345,
16.9802

■ 7.1947, 5.9718,
15.2416

■ 18.7092, 20.7275,
17.4829

■ 6.0593, 4.5884,
15.0344

■ 21.4923, 24.3812,
18.0414

■ 5.1213, 3.4729,
14.8686

■ 24.5427, 28.4060,
18.6575

■ 4.3690, 2.6078,
14.7412

■ 27.8673, 32.8122,
19.3328

■ 3.7891, 1.9728,
14.6492

■ 31.4728, 37.6093,
20.0687

■ 3.3654, 1.5417,
14.5884

■ 35.3657, 42.8068,
20.8667

■ 3.1217, 1.2904,
14.5527

■ 39.5521, 48.4138,
21.7283

Harmonies

Analogous

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



11.2841, 11.8852, 16.6479



11.8895, 11.8852, 16.1354



12.3497, 11.8852, 14.7503

Triad

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



11.8895, 11.8852, 16.1354



11.9118, 11.8852, 10.2291



10.1503, 11.8852, 12.9054

Complementary

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



11.8895, 11.8852, 16.1354



13.4785, 14.8280, 12.9787

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.



10.3050, 11.8852, 11.2860



11.8895, 11.8852, 16.1354



11.3090, 11.8852, 9.8297

Square

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



11.8895, 11.8852, 16.1354



12.3629, 11.8852, 11.3424



10.7236, 11.8852, 10.1987



10.2933, 11.8852, 14.6831

Rectangle

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



11.8895, 11.8852, 16.1354



12.5043, 11.8852, 13.5766



10.7236, 11.8852, 10.1987



10.1691, 11.8852, 12.3255

Sweetspot

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



11.8899, 11.8857, 16.1357



24.4338, 25.3233, 29.5073



12.6547, 13.8867, 16.4816



5.6327, 5.8242, 6.8561



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.8899, 11.8857, 16.1357



20.4259, 20.1776, 28.7253



12.6551, 12.2802, 16.1715



3.0035, 3.0535, 3.8660



3.6326, 1.4997, 17.0203



17.8896, 7.3220, 86.6966

Inverse Universe

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



13.0008, 12.4767, 15.3593



22.7795, 21.4302, 27.0611



12.7020, 14.4277, 12.9424



3.1912, 3.1533, 3.7371



9.3159, 4.5785, 10.5580



47.1413, 23.1985, 52.0744

Previews

White Background



This preview shows how the XYZ color 11.8895, 11.8852, 16.1354 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 11.8895, 11.8852, 16.1354 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

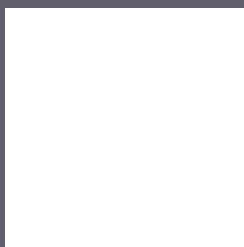
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.8895, 11.8852, 16.1354

Background



This preview shows how black text looks on a background with the XYZ color 11.8895, 11.8852, 16.1354.



This preview shows how white text looks on a background with the XYZ color 11.8895, 11.8852,

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

11.8895, 11.8852, 16.1354

Protanopia

11.7167, 11.9244, 16.4360

Deuteranopia

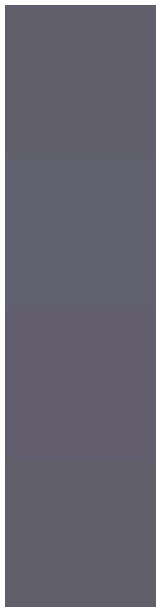
12.0186, 11.8189, 16.1158



Tritanopia

11.6113, 11.9066, 14.7829

Trichromacy



Original Color

11.8895, 11.8852, 16.1354

Protanomaly

11.8212, 11.9783, 16.4409

Deuteranomaly

11.9086, 11.7622, 16.1107

Tritanomaly

11.7142, 11.9477, 15.3244

Monochromacy



Original Color

11.8895, 11.8852, 16.1354

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4616, 11.8467, 13.9945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8895, 11.8852, 16.1354 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(98, 95, 109) looks like.

```
.text, #text, p{  
    color:rgb(98, 95, 109)  
}
```

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(98, 95, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 95, 109) }
```

Border

The CSS property to change the border of an element to XYZ 11.8895, 11.8852, 16.1354 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(98, 95, 109) }
```


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

```
.border{ border-color:rgb(98, 95, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 95, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 95, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 95, 109);  
box-shadow:4px 4px 4px 4px rgb(98, 95,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8895, 11.8852, 16.1354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 95, 109) }
```

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

```
.background{ background-color: rgb(98, 95,  
109) }
```

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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