

Converting Colors

XYZ(11.8625, 10.6589, 19.2926)

Have a look what the booklet for
XYZ(11.8625, 10.6589, 19.2926)
contains.

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Color

**XYZ(11.8635, 10.6643,
19.2024)**

Conversions

Conversions Part 1

Format	Color
Hex	635678
RGB	99, 86, 120
RGB Percent	39%, 34%, 47%
CMY	0.6118, 0.6627, 0.5294
CMYK	0.17, 0.28, 0.00, 0.53
HSL	263°, 17%, 40%
HSV	263°, 28%, 47%
XYZ	11.8635, 10.6643, 19.2024
YIQ	93.7630, -3.1660, 13.3300

Conversions

Conversions Part 2

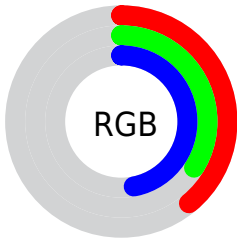
Format	Color
R_{YB}	99, 86, 120
Decimal	6510200
CIE _{Lab}	39.01, 12.77, -17.31
CIE _{LCh}	39, 21.514, 306.409
Yxy	10.6643, 0.2843, 0.2556
Android (android.graphics.Color)	4284700280 (0xFF635678)
YUV	93.7630, 12.9348, 4.5928
Hunter-Lab	32.6562, 7.6978, -12.0041

Details

The XYZ color **11.8635, 10.6643, 19.2024** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **14.4600, 17.2309, 11.3684**, and the grayscale version is **10.5547, 11.1044, 12.0926**.

A 20% lighter version of the original color is **28.8282, 27.0709, 42.7355**, and **3.3464, 2.7709, 6.3197** is the 20% darker color. If you saturate the color by 10%, you get **10.2118, 8.5081, 18.8734**, and if you desaturate by 10%, it is **13.7512, 13.1814, 19.5889**.

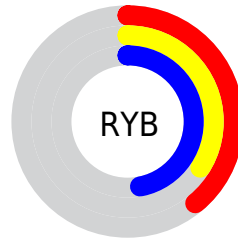
Distribution



Red (39%)

Green (34%)

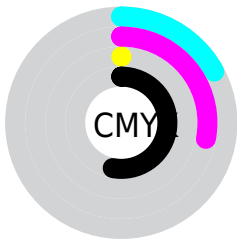
Blue (47%)



Red (39%)

Yellow (34%)

Blue (47%)

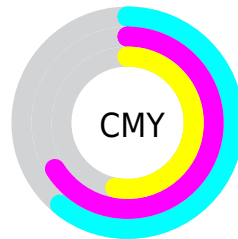


Cyan (17%)

Magenta (28%)

Yellow (0%)

Black (53%)



Cyan (61%)

Magenta (66%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8635, 10.6643, 19.2024 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 11.8635, 10.6643, 19.2024 by changing the saturation by 10% instead.

■ 11.8635, 10.6643,
19.2024

■ 11.8635, 10.6643,
19.2024

197.2879,
195.3497, 260.0237

■ 6.7223, 5.8416,
11.6383

■ 28.8653, 27.0377,
42.9171

■ 3.3338, 2.7490,
6.3784

■ 41.4566, 39.3572,
59.9048

■ 1.3327, 1.0021,
3.0040

■ 57.2620, 54.9444,
80.8707

■ 0.2075, 0.0000,
1.0967

■ 76.6469, 74.1837,
106.2335

■ 0.0000, 0.0000,
0.0000

■ 99.9765, 97.4594,
136.4117

127.6164,

125.1561, 171.8237

159.9317,
157.6581, 212.8882

■ 11.8635, 10.6643,
19.2024

■ 11.8635, 10.6643,
19.2024

■ 10.2118, 8.5081,
18.8734

■ 13.7512, 13.1814,
19.5889

■ 8.7849, 6.6946,
18.5986

■ 15.8831, 16.0742,
20.0349

■ 7.5725, 5.2055,
18.3751

■ 18.2685, 19.3579,
20.5430

■ 6.5627, 4.0206,
18.1996

■ 20.9157, 23.0467,
21.1155

■ 5.7425, 3.1172,
18.0684

■ 23.8328, 27.1541,
21.7546

■ 5.0971, 2.4692,
17.9774

■ 27.0274, 31.6927,
22.4622

■ 4.5896, 2.0066,
17.9149

■ 30.5067, 36.6749,
23.2405

■ 4.5115, 1.9341,
17.9050

■ 34.2779, 42.1125,
24.0913

■ 38.3477, 48.0166,
25.0164

Harmonies

Analogous

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



10.4472, 10.6643, 21.3669



11.8635, 10.6643, 19.2024



12.8806, 10.6643, 15.0696

Triad

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



11.8635, 10.6643, 19.2024



11.2808, 10.6643, 5.7713



7.6341, 10.6643, 12.5162

Complementary

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



11.8635, 10.6643, 19.2024



14.4600, 17.2309, 11.3684

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.



7.8121, 10.6643, 8.7277



11.8635, 10.6643, 19.2024



9.8312, 10.6643, 5.3964

Square

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



11.8635, 10.6643, 19.2024



12.5226, 10.6643, 7.5247



8.5851, 10.6643, 6.3426



8.0738, 10.6643, 16.9614

Rectangle

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



11.8635, 10.6643, 19.2024



13.1466, 10.6643, 12.1135



8.5851, 10.6643, 6.3426



7.6243, 10.6643, 11.1237

Sweetspot

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



11.8638, 10.6647, 19.2026



27.9892, 28.3450, 35.2490



12.5418, 13.9618, 19.8033



6.5125, 6.5527, 8.3282



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.8638, 10.6647, 19.2026



18.9312, 16.2210, 33.3863



13.8500, 11.6887, 19.2956



3.9291, 3.9613, 5.0007



4.9067, 2.1022, 19.5325



22.5207, 9.5718, 93.1304

Inverse Universe

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



13.7277, 11.7107, 15.4474



22.8366, 18.4153, 25.3945



12.6651, 16.3056, 11.2844



4.0926, 4.0528, 4.6852



9.7960, 4.8946, 7.4827



46.3030, 23.1776, 33.4556

Previews

White Background



This preview shows how the XYZ color 11.8635, 10.6643, 19.2024 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 11.8635, 10.6643, 19.2024 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 11.8635, 10.6643, 19.2024

Background



This preview shows how black text looks on a background with the XYZ color 11.8635, 10.6643, 19.2024.



This preview shows how white text looks on a background with the XYZ color 11.8635, 10.6643,

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

11.8635, 10.6643, 19.2024

Protanopia

10.9465, 10.7764, 20.5719

Deuteranopia

10.8237, 10.6227, 18.9327



Tritanopia

10.5331, 10.6083, 12.8017

Trichromacy



Original Color

11.8635, 10.6643, 19.2024

Protanomaly

11.2674, 10.6987, 20.2101

Deuteranomaly

11.2165, 10.7008, 18.9271

Tritanomaly

10.9461, 10.6515, 14.8436

Monochromacy



Original Color

11.8635, 10.6643, 19.2024

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.0131, 10.9482, 14.3647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8635, 10.6643, 19.2024 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, 86, 120) looks like.

```
.text, #text, p{  
    color:rgb(99, 86, 120)  
}
```

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, 86, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 86, 120) }
```

Border

The CSS property to change the border of an element to XYZ 11.8635, 10.6643, 19.2024 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, 86, 120) }
```


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

```
.border{ border-color:rgb(99, 86, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 86, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 86, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 86, 120);  
box-shadow:4px 4px 4px 4px rgb(99, 86,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8635, 10.6643, 19.2024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 86, 120) }
```

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

```
.background{ background-color: rgb(99, 86,  
120) }
```

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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