

Converting Colors

XYZ(10.2703, 11.7376, 12.4030)

Have a look what the booklet for
XYZ(10.2703, 11.7376, 12.4030)
contains.

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Color

**XYZ(10.2285, 11.6631,
12.3018)**

Conversions

Conversions Part 1

Format	Color
Hex	55635E
RGB	85, 99, 94
RGB Percent	33%, 39%, 37%
CMY	0.6667, 0.6118, 0.6314
CMYK	0.14, 0.00, 0.05, 0.61
HSL	159°, 8%, 36%
HSV	159°, 14%, 39%
XYZ	10.2285, 11.6631, 12.3018
YIQ	94.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

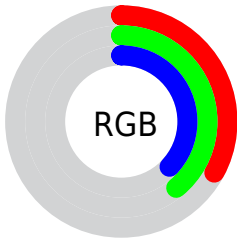
Format	Color
RYB	85, 94, 99
Decimal	5595998
CIELab	40.68, -6.46, 1.03
CIELCh	41, 6.546, 170.947
Yxy	11.6631, 0.2991, 0.3411
Android (android.graphics.Color)	4283786078 (0xFF55635E)
YUV	94.2440, -0.1203, -8.1070
Hunter-Lab	34.1513, -6.3030, 2.5488

Details

The XYZ color **10.2285, 11.6631, 12.3018** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.2399, 9.8881, 11.0422**, and the grayscale version is **10.6987, 11.2559, 12.2577**.

A 20% lighter version of the original color is **25.9321, 28.9772, 30.6120**, and **2.6366, 3.1205, 3.2597** is the 20% darker color. If you saturate the color by 10%, you get **9.2369, 11.1701, 11.4461**, and if you desaturate by 10%, it is **11.3539, 12.2248, 13.2022**.

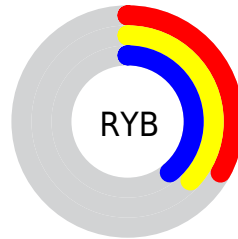
Distribution



Red (33%)

Green (39%)

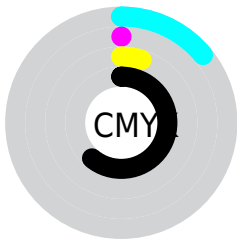
Blue (37%)



Red (33%)

Yellow (37%)

Blue (39%)

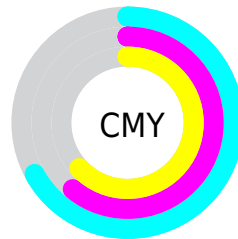


Cyan (14%)

Magenta (0%)

Yellow (5%)

Black (61%)



Cyan (67%)

Magenta (61%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2285, 11.6631, 12.3018 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 10.2285, 11.6631, 12.3018 by changing the saturation by 10% instead.

■ 10.2285, 11.6631,
12.3018

■ 10.2285, 11.6631,
12.3018

186.3150,
202.1620, 217.4415

■ 5.6141, 6.5147,
6.8245

■ 25.8702, 28.8800,
30.7162

■ 2.6503, 3.1605,
3.2758

■ 37.6283, 41.7173,
44.4904

■ 0.9717, 1.2161,
1.2371

■ 52.4983, 57.8864,
61.8673

■ 0.0000, 0.0748,
0.0094

■ 70.8456, 77.7716,
83.2654

■ 0.0000, 0.0000,
0.0000

■ 93.0355, 101.7574,
109.1034

119.4335,

130.2281, 139.7997

150.4049,
163.5682, 175.7729

■ 10.2285, 11.6631,
12.3018

■ 10.2285, 11.6631,
12.3018

■ 9.2369, 11.1701,
11.4461

■ 11.3539, 12.2248,
13.2022

■ 8.3727, 10.7417,
10.6335

■ 12.6170, 12.8563,
14.1474

■ 7.6306, 10.3754,
9.8636

■ 14.0228, 13.5606,
15.1381

■ 7.0045, 10.0682,
9.1356

■ 15.5760, 14.3400,
16.1751

■ 6.4879, 9.8165,
8.4486

■ 17.2807, 15.1965,
17.2591

■ 6.0733, 9.6166,
7.8018

■ 19.1411, 16.1325,
18.3908

■ 5.7525, 9.4644,
7.1941

■ 21.1611, 17.1498,
19.5707

■ 5.5095, 9.3515,
6.6242

■ 23.3446, 18.2505,
20.7995

■ 5.3772, 9.2902,
6.3066

■ 25.6953, 19.4365,
22.0778

Harmonies

Analogous

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



10.4077, 11.6631, 11.1581



10.2285, 11.6631, 12.3018



10.2739, 11.6631, 13.6335

Triad

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



10.2285, 11.6631, 12.3018



11.4071, 11.6631, 15.2347



11.6564, 11.6631, 10.8186

Complementary

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



10.2285, 11.6631, 12.3018



10.2399, 9.8881, 11.0422

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.



11.9386, 11.6631, 11.8084



10.2285, 11.6631, 12.3018



11.7919, 11.6631, 14.3758

Square

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



10.2285, 11.6631, 12.3018



10.9458, 11.6631, 15.3898



11.9889, 11.6631, 13.1049



11.2262, 11.6631, 10.3419

Rectangle

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



10.2285, 11.6631, 12.3018



10.4259, 11.6631, 14.4462



11.9889, 11.6631, 13.1049



11.7722, 11.6631, 11.0990

Sweetspot

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



10.2288, 11.6636, 12.3021



19.4821, 20.9731, 22.6514



10.3313, 11.7604, 10.3199



4.6034, 4.9715, 5.3629



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



10.2288, 11.6636, 12.3021



16.9527, 19.7119, 20.6036



10.2858, 11.4066, 13.4645



2.6047, 2.8806, 3.0785



6.9900, 12.1020, 8.1194



36.9112, 64.4794, 41.1071

Inverse Universe

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



10.2399, 9.8881, 11.0422



16.9758, 16.0276, 17.9897



10.1830, 10.1036, 10.0079



2.6064, 2.6035, 2.8818



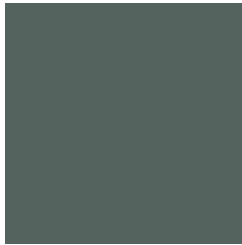
7.0919, 3.6116, 2.3377



37.4979, 19.1386, 10.4418

Previews

White Background



This preview shows how the XYZ color 10.2285, 11.6631, 12.3018 looks on a white background.

Color Contrast Check

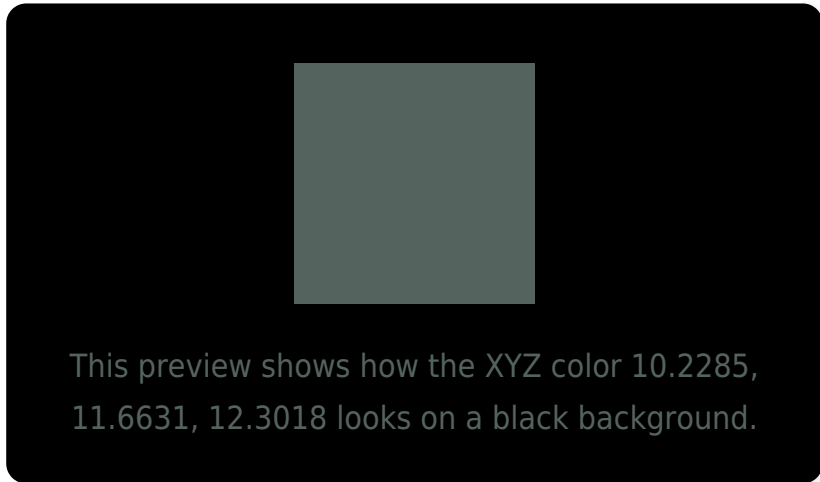
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

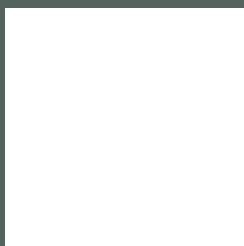
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.2285, 11.6631, 12.3018

Background



This preview shows how black text looks on a background with the XYZ color 10.2285, 11.6631, 12.3018.



This preview shows how white text looks on a background with the XYZ color 10.2285, 11.6631,

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

10.2285, 11.6631, 12.3018

Protanopia

11.0610, 11.5538, 11.7723

Deuteranopia

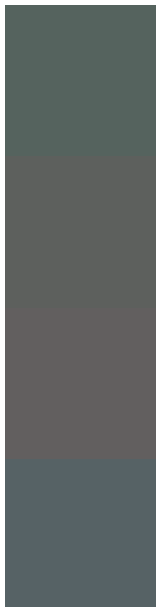
11.8056, 11.6582, 12.4545



Tritanopia

10.7550, 11.5955, 15.0359

Trichromacy



Original Color

10.2285, 11.6631, 12.3018

Protanomaly

10.6729, 11.4832, 12.0099

Deuteranomaly

11.1948, 11.6073, 12.4769

Tritanomaly

10.5544, 11.6534, 14.0050

Monochromacy



Original Color

10.2285, 11.6631, 12.3018

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.5176, 11.3980, 12.2354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2285, 11.6631, 12.3018 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(85, 99, 94) looks like.

```
.text, #text, p{  
    color:rgb(85, 99, 94)  
}
```

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(85, 99, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 99, 94) }
```

Border

The CSS property to change the border of an element to XYZ 10.2285, 11.6631, 12.3018 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(85, 99, 94) }
```


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

```
.border{ border-color:rgb(85, 99, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 99, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 99, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 99, 94);  
box-shadow:4px 4px 4px 4px rgb(85, 99, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.2285, 11.6631, 12.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 99, 94) }
```

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

```
.background{ background-color: rgb(85, 99,  
94) }
```

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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