

Converting Colors

XYZ(10.0418, 11.3090, 10.7155)

Have a look what the booklet for
XYZ(10.0418, 11.3090, 10.7155)
contains.

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Color

**XYZ(10.0195, 11.3122,
10.6722)**

Conversions

Conversions Part 1

Format	Color
Hex	586157
RGB	88, 97, 87
RGB Percent	35%, 38%, 34%
CMY	0.6549, 0.6196, 0.6588
CMYK	0.09, 0.00, 0.10, 0.62
HSL	114°, 5%, 36%
HSV	114°, 10%, 38%
XYZ	10.0195, 11.3122, 10.6722
YIQ	93.1690, -2.1540, -5.0180

Conversions

Conversions Part 2

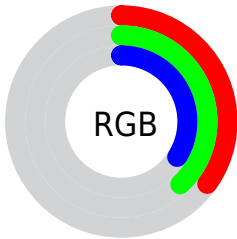
Format	Color
R_{YB}	87, 97, 96
Decimal	5792087
CIE Lab	40.10, -5.62, 4.51
CIE LCh	40, 7.208, 141.236
Yxy	11.3122, 0.3131, 0.3535
Android (android.graphics.Color)	4283982167 (0xFF586157)
YUV	93.1690, -3.0413, -4.5332
Hunter-Lab	33.6336, -5.6834, 4.7304

Details

The XYZ color **10.0195, 11.3122, 10.6722** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.3901, 10.1665, 12.7245**, and the grayscale version is **10.4514, 10.9957, 11.9744**.

A 20% lighter version of the original color is **25.5865, 28.3892, 27.7980**, and **2.5980, 3.0484, 2.6420** is the 20% darker color. If you saturate the color by 10%, you get **8.8721, 10.7638, 8.6869**, and if you desaturate by 10%, it is **11.3198, 11.9339, 12.9432**.

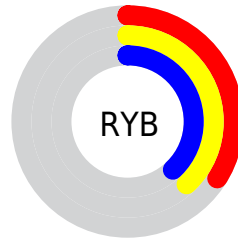
Distribution



Red (35%)

Green (38%)

Blue (34%)



Red (34%)

Yellow (38%)

Blue (38%)

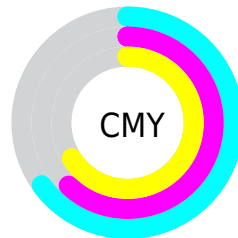


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (62%)



Cyan (65%)

Magenta (62%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0195, 11.3122, 10.6722 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 10.0195, 11.3122, 10.6722 by changing the saturation by 10% instead.

■ 10.0195, 11.3122,
10.6722

■ 10.0195, 11.3122,
10.6722

184.8619,
199.7971, 206.0607

■ 5.4743, 6.2772,
5.7355

■ 25.4815, 28.2360,
27.6797

■ 2.5657, 3.0144,
2.6187

■ 37.1290, 40.8937,
40.5876

■ 0.9285, 1.1392,
0.9021

■ 51.8746, 56.8611,
56.9896

■ 0.0000, 0.0112,
0.0000

■ 70.0837, 76.5225,
77.3043

■ 0.0000, 0.0000,
0.0000

■ 92.1216, 100.2625,
101.9502

118.3537,

128.4653, 131.3459

149.1453,
161.5153, 165.9099

■ 10.0195, 11.3122,
10.6722

■ 10.0195, 11.3122,
10.6722

■ 8.8721, 10.7638,
8.6869

■ 11.3198, 11.9339,
12.9432

■ 7.8711, 10.2846,
6.9754

■ 12.7774, 12.6301,
15.5097

■ 7.0108, 9.8723,
5.5257

■ 14.3976, 13.4034,
18.3822

■ 6.2849, 9.5239,
4.3250

■ 16.1852, 14.2562,
21.5703

■ 5.6867, 9.2362,
3.3593

■ 18.1449, 15.1908,
25.0831

■ 5.2085, 9.0058,
2.6132

■ 20.2811, 16.2091,
28.9296

■ 4.8424, 8.8287,
2.0694

■ 22.5981, 17.3133,
33.1181

■ 4.5788, 8.7005,
1.7079

■ 25.1000, 18.5052,
37.6569

■ 4.3963, 8.6124,
1.4306

■ 27.7908, 19.7867,
42.5538

Harmonies

Analogous

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



10.4074, 11.3122, 9.9246



10.0195, 11.3122, 10.6722



9.8294, 11.3122, 11.9023

Triad

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



10.0195, 11.3122, 10.6722



10.6061, 11.3122, 15.2439



11.6732, 11.3122, 11.3463

Complementary

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



10.0195, 11.3122, 10.6722



10.3901, 10.1665, 12.7245

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.



11.7304, 11.3122, 12.7414



10.0195, 11.3122, 10.6722



11.1039, 11.3122, 15.0661

Square

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



10.0195, 11.3122, 10.6722



10.1611, 11.3122, 14.5913



11.5192, 11.3122, 14.1228



11.3652, 11.3122, 10.2923

Rectangle

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



10.0195, 11.3122, 10.6722



9.8362, 11.3122, 12.8614



11.5192, 11.3122, 14.1228



11.7228, 11.3122, 11.7883

Sweetspot

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



10.0198, 11.3127, 10.6724



18.7570, 20.1467, 21.0541



10.8334, 11.5958, 10.6842



4.6196, 4.9843, 5.1618



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.



10.0198, 11.3127, 10.6724



16.7523, 19.1885, 17.5601



10.0938, 11.3314, 11.5530



2.5652, 2.8672, 2.7624



5.9572, 11.7052, 1.9453



31.4478, 62.3375, 10.3749

Inverse Universe

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



10.3901, 10.1665, 12.7245



17.5027, 16.8660, 21.7183



10.3141, 10.1484, 11.7715



2.6462, 2.6167, 3.2109



8.3005, 3.9399, 15.7107



43.9234, 20.8316, 83.9105

Previews

White Background



This preview shows how the XYZ color 10.0195, 11.3122, 10.6722 looks on a white background.

Color Contrast Check

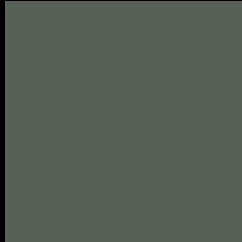
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.0195, 11.3122, 10.6722 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

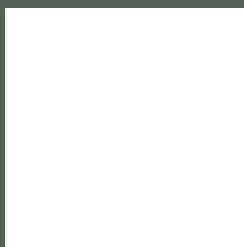
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.0195, 11.3122, 10.6722

Background



This preview shows how black text looks on a background with the XYZ color 10.0195, 11.3122, 10.6722.

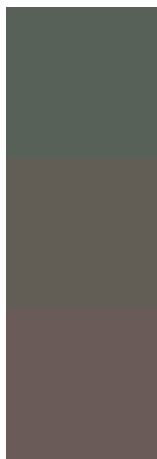


This preview shows how white text looks on a background with the XYZ color 10.0195, 11.3122,

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

10.0195, 11.3122, 10.6722

Protanopia

10.6794, 11.2580, 10.2045

Deuteranopia

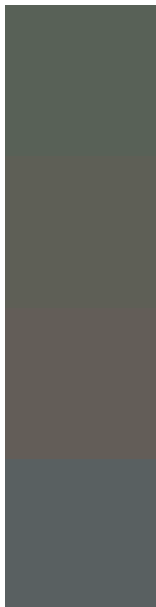
11.4464, 11.2509, 10.8009



Tritanopia

10.7069, 11.3174, 14.1905

Trichromacy



Original Color

10.0195, 11.3122, 10.6722

Protanomaly

10.3880, 11.2360, 10.4254

Deuteranomaly

10.8214, 11.1859, 10.8213

Tritanomaly

10.4604, 11.3527, 12.9492

Monochromacy



Original Color

10.0195, 11.3122, 10.6722

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.2054, 10.9849, 11.4799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0195, 11.3122, 10.6722 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(88, 97, 87) looks like.

```
.text, #text, p{  
    color:rgb(88, 97, 87)  
}
```

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(88, 97, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 97, 87) }
```

Border

The CSS property to change the border of an element to XYZ 10.0195, 11.3122, 10.6722 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(88, 97, 87) }
```


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

```
.border{ border-color:rgb(88, 97, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 97, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 97, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 97, 87);  
box-shadow:4px 4px 4px 4px rgb(88, 97, 87)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.0195, 11.3122, 10.6722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 97, 87) }
```

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

```
.background{ background-color: rgb(88, 97,  
87) }
```

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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