

Converting Colors

XYZ(10.1854, 11.2771, 12.3647)

Have a look what the booklet for
XYZ(10.1854, 11.2771, 12.3647)
contains.

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Color

**XYZ(10.1789, 11.2182,
12.4553)**

Conversions

Conversions Part 1

Format	Color
Hex	57605F
RGB	87, 96, 95
RGB Percent	34%, 38%, 37%
CMY	0.6588, 0.6235, 0.6274
CMYK	0.09, 0.00, 0.01, 0.62
HSL	173°, 5%, 36%
HSV	173°, 9%, 38%
XYZ	10.1789, 11.2182, 12.4553
YIQ	93.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

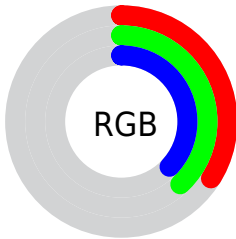
Format	Color
R_{YB}	87, 92, 96
Decimal	5726303
CIE Lab	39.95, -3.70, -0.63
CIE LCh	40, 3.756, 189.644
Yxy	11.2182, 0.3007, 0.3314
Android (android.graphics.Color)	4283916383 (0xFF57605F)
YUV	93.1950, 0.8899, -5.4330
Hunter-Lab	33.4936, -4.3665, 1.3973

Details

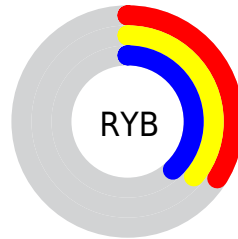
The XYZ color **10.1789, 11.2182, 12.4553** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.9939, 10.0081, 10.6380**, and the grayscale version is **10.4491, 10.9933, 11.9717**.

A 20% lighter version of the original color is **25.7062, 27.9205, 30.8224**, and **2.6498, 2.9952, 3.3442** is the 20% darker color. If you saturate the color by 10%, you get **9.2934, 10.7676, 12.1623**, and if you desaturate by 10%, it is **11.1849, 11.7315, 12.7579**.

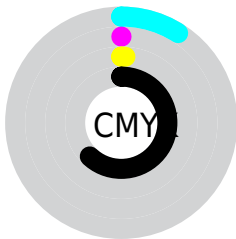
Distribution



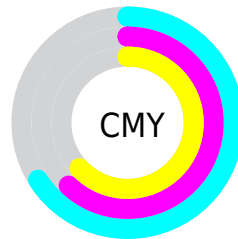
- Red (34%)
- Green (38%)
- Blue (37%)



- Red (34%)
- Yellow (36%)
- Blue (38%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (62%)



- Cyan (66%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1789, 11.2182, 12.4553 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 10.1789, 11.2182, 12.4553 by changing the saturation by 10% instead.

■ 10.1789, 11.2182,
12.4553

■ 10.1789, 11.2182,
12.4553

185.9712,
199.1585, 218.4804

■ 5.5809, 6.2138,
6.9283

■ 25.7781, 28.0630,
30.9984

■ 2.6302, 2.9755,
3.3395

■ 37.5100, 40.6721,
44.8515

■ 0.9614, 1.1190,
1.2705

■ 52.3506, 56.5849,
62.3171

■ 0.0000, 0.0000,
0.0374

■ 70.6652, 76.1859,
83.8136

■ 0.0000, 0.0000,
0.0000

■ 92.8192, 99.8593,
109.7597

119.1780,

127.9896, 140.5738

150.1069,
160.9612, 176.6746

■ 10.1789, 11.2182,
12.4553

■ 10.1789, 11.2182,
12.4553

■ 9.2934, 10.7676,
12.1623

■ 11.1849, 11.7315,
12.7579

■ 8.5228, 10.3758,
11.8779

■ 12.3150, 12.3083,
13.0695

■ 7.8625, 10.0409,
11.6022

■ 13.5735, 12.9513,
13.3907

■ 7.3071, 9.7599,
11.3347

■ 14.9645, 13.6625,
13.7215

■ 6.8508, 9.5299,
11.0754

■ 16.4919, 14.4440,
14.0623

■ 6.4872, 9.3476,
10.8238

■ 18.1593, 15.2975,
14.4132

■ 6.2092, 9.2095,
10.5796

■ 19.9701, 16.2249,
14.7743

■ 6.0088, 9.1112,
10.3424

■ 21.9279, 17.2280,
15.1459

■ 5.8457, 9.0321,
10.1103

■ 24.0359, 18.3084,
15.5282

Harmonies

Analogous

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



10.2023, 11.2182, 11.7251



10.1789, 11.2182, 12.4553



10.2835, 11.2182, 13.1478

Triad

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



10.1789, 11.2182, 12.4553



10.9836, 11.2182, 13.3467



10.8368, 11.2182, 10.9252

Complementary

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



10.1789, 11.2182, 12.4553



9.9939, 10.0081, 10.6380

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.



11.0508, 11.2182, 11.3268



10.1789, 11.2182, 12.4553



11.1365, 11.2182, 12.7178

Square

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



10.1789, 11.2182, 12.4553



10.7462, 11.2182, 13.6761



11.1613, 11.2182, 11.9772



10.5793, 11.2182, 10.8614

Rectangle

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



10.1789, 11.2182, 12.4553



10.4128, 11.2182, 13.4878



11.1613, 11.2182, 11.9772



10.9163, 11.2182, 11.0244

Sweetspot

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



10.1792, 11.2187, 12.4555



18.9126, 20.2029, 22.1487



9.9327, 11.1315, 10.6421



4.6664, 5.0012, 5.4906



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.



10.1792, 11.2187, 12.4555



17.5103, 19.4880, 21.7159



9.9171, 10.6211, 12.5943



2.6289, 2.8903, 3.2060



8.1027, 12.5471, 13.9791



43.0855, 66.9492, 73.6205

Inverse Universe

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



9.9939, 10.0081, 10.6380



17.1228, 16.9563, 17.9151



10.2388, 10.5638, 10.5163



2.5836, 2.5944, 2.7617



6.7769, 3.4856, 0.6792



36.0275, 18.5504, 2.6989

Previews

White Background



This preview shows how the XYZ color 10.1789, 11.2182, 12.4553 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 10.1789, 11.2182, 12.4553 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

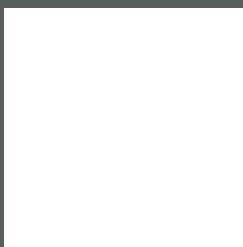
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.1789, 11.2182, 12.4553

Background



This preview shows how black text looks on a background with the XYZ color 10.1789, 11.2182, 12.4553.



This preview shows how white text looks on a background with the XYZ color 10.1789, 11.2182,

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

10.1789, 11.2182, 12.4553

Protanopia

10.8470, 11.3004, 12.1992

Deuteranopia

11.3319, 11.1515, 12.6215



Tritanopia

10.5150, 11.2184, 14.1815

Trichromacy



Original Color

10.1789, 11.2182, 12.4553

Protanomaly

10.6268, 11.3197, 12.2145

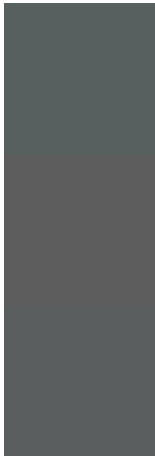
Deuteranomaly

10.9554, 11.2146, 12.6536

Tritanomaly

10.3688, 11.1600, 13.4120

Monochromacy



Original Color

10.1789, 11.2182, 12.4553

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.3375, 11.0377, 12.1753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1789, 11.2182, 12.4553 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(87, 96, 95) looks like.

```
.text, #text, p{  
    color:rgb(87, 96, 95)  
}
```

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(87, 96, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 96, 95) }
```

Border

The CSS property to change the border of an element to XYZ 10.1789, 11.2182, 12.4553 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(87, 96, 95) }
```


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

```
.border{ border-color:rgb(87, 96, 95) }
```

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

Here you see how a box with a 4 pixel rgb(87, 96, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 96, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 96, 95);  
box-shadow:4px 4px 4px 4px rgb(87, 96, 95)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.1789, 11.2182, 12.4553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 96, 95) }
```

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

```
.background{ background-color: rgb(87, 96,  
95) }
```

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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