

Converting Colors

XYZ(11.0624, 12.2312, 13.6650)

Have a look what the booklet for
XYZ(11.0624, 12.2312, 13.6650)
contains.

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Color

**XYZ(11.0258, 12.1889,
13.5759)**

Conversions

Conversions Part 1

Format	Color
Hex	5A6463
RGB	90, 100, 99
RGB Percent	35%, 39%, 39%
CMY	0.6471, 0.6078, 0.6118
CMYK	0.10, 0.00, 0.01, 0.61
HSL	174°, 5%, 37%
HSV	174°, 10%, 39%
XYZ	11.0258, 12.1889, 13.5759
YIQ	96.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

Format	Color
R_{YB}	90, 95, 100
Decimal	5923939
CIE _{Lab}	41.51, -4.06, -0.75
CIE _{LCh}	42, 4.125, 190.505
Yxy	12.1889, 0.2997, 0.3313
Android (android.graphics.Color)	4284114019 (0xFF5A6463)
YUV	96.8960, 1.0373, -6.0478
Hunter-Lab	34.9126, -4.7247, 1.3837

Details

The XYZ color **11.0258, 12.1889, 13.5759** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.8006, 10.7774, 11.4093**, and the grayscale version is **11.3356, 11.9259, 12.9873**.

A 20% lighter version of the original color is **27.3868, 29.9107, 33.1841**, and **2.9544, 3.3387, 3.8569** is the 20% darker color. If you saturate the color by 10%, you get **10.0703, 11.7022, 13.2829**, and if you desaturate by 10%, it is **12.1135, 12.7444, 13.8787**.

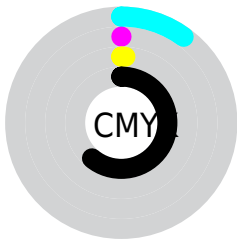
Distribution



- Red (35%)
- Green (39%)
- Blue (39%)



- Red (35%)
- Yellow (37%)
- Blue (39%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (61%)



- Cyan (65%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0258, 12.1889, 13.5759 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 11.0258, 12.1889, 13.5759 by changing the saturation by 10% instead.

■ 11.0258, 12.1889,
13.5759

■ 11.0258, 12.1889,
13.5759

191.7491,
205.6519, 225.9122

■ 6.1516, 6.8725,
7.6909

■ 27.3404, 29.8387,
33.0408

■ 2.9790, 3.3825,
3.8129

■ 39.5115, 42.9408,
47.4579

■ 1.1427, 1.3345,
1.5233

■ 54.8456, 59.4070,
65.5560

■ 0.0604, 0.1677,
0.2352

■ 73.7082, 79.6215,
87.7538

■ 0.0000, 0.0000,
0.0000

■ 96.4644, 103.9689,
114.4698

123.4797,

132.8335, 146.1225

155.1195,
166.5997, 183.1304

■ 11.0258, 12.1889,
13.5759

■ 11.0258, 12.1889,
13.5759

■ 10.0703, 11.7022,
13.2829

■ 12.1135, 12.7444,
13.8787

■ 9.2408, 11.2800,
12.9987

■ 13.3372, 13.3696,
14.1907

■ 8.5320, 10.9199,
12.7232

■ 14.7020, 14.0675,
14.5124

■ 7.9381, 10.6190,
12.4561

■ 16.2123, 14.8403,
14.8440

■ 7.4525, 10.3739,
12.1972

■ 17.8723, 15.6902,
15.1859

■ 7.0681, 10.1810,
11.9460

■ 19.6860, 16.6193,
15.5380

■ 6.7771, 10.0360,
11.7023

■ 21.6575, 17.6296,
15.9008

■ 6.5703, 9.9344,
11.4655

■ 23.7904, 18.7231,
16.2742

■ 6.4022, 9.8527,
11.2336

■ 26.0883, 19.9016,
16.6586

Harmonies

Analogous

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



11.0485, 12.1889, 12.7265



11.0258, 12.1889, 13.5759



11.1510, 12.1889, 14.3767

Triad

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



11.0258, 12.1889, 13.5759



11.9649, 12.1889, 14.5713



11.7793, 12.1889, 11.7707

Complementary

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



11.0258, 12.1889, 13.5759



10.8006, 10.7774, 11.4093

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.



12.0305, 12.1889, 12.2247



11.0258, 12.1889, 13.5759



12.1390, 12.1889, 13.8321

Square

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



11.0258, 12.1889, 13.5759



11.6909, 12.1889, 14.9677



12.1632, 12.1889, 12.9720



11.4801, 12.1889, 11.7088

Rectangle

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



11.0258, 12.1889, 13.5759



11.3028, 12.1889, 14.7661



12.1632, 12.1889, 12.9720



11.8723, 12.1889, 11.8816

Sweetspot

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



11.0261, 12.1894, 13.5762



20.6218, 22.0281, 24.1643



10.7339, 12.0857, 11.4402



5.0417, 5.4036, 5.9368



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.0261, 12.1894, 13.5762



18.9150, 21.1572, 23.6772



10.7152, 11.4904, 13.7104



2.8924, 3.1807, 3.5347



8.5632, 13.1889, 14.9933



44.4789, 68.7141, 77.2351

Inverse Universe

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



10.8006, 10.7774, 11.4093



18.4339, 18.1459, 19.0562



11.0894, 11.4238, 11.2937



2.8396, 2.8505, 3.0280



7.1007, 3.6532, 0.6628



36.8715, 18.9886, 2.6007

Previews

White Background



This preview shows how the XYZ color 11.0258, 12.1889, 13.5759 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 11.0258, 12.1889, 13.5759 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

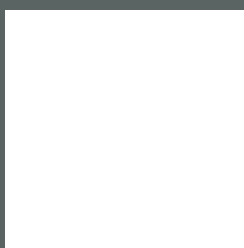
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0258, 12.1889, 13.5759

Background



This preview shows how black text looks on a background with the XYZ color 11.0258, 12.1889, 13.5759.



This preview shows how white text looks on a background with the XYZ color 11.0258, 12.1889,

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

11.0258, 12.1889, 13.5759

Protanopia

11.6879, 12.1218, 13.0330

Deuteranopia

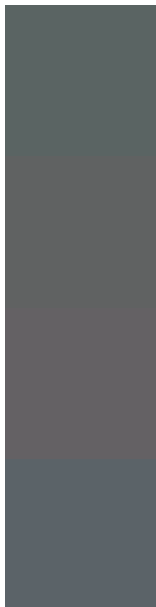
12.3363, 12.1687, 13.7552



Tritanopia

11.4301, 12.2094, 15.6641

Trichromacy



Original Color

11.0258, 12.1889, 13.5759

Protanomaly

11.3962, 12.1040, 13.2909

Deuteranomaly

11.8305, 12.1788, 13.7838

Tritanomaly

11.2749, 12.1473, 14.8471

Monochromacy



Original Color

11.0258, 12.1889, 13.5759

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.1884, 11.9969, 13.2812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0258, 12.1889, 13.5759 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(90, 100, 99) looks like.

```
.text, #text, p{  
    color:rgb(90, 100, 99)  
}
```

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(90, 100, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 100, 99) }
```

Border

The CSS property to change the border of an element to XYZ 11.0258, 12.1889, 13.5759 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(90, 100, 99) }
```


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

```
.border{ border-color:rgb(90, 100, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 100, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 100, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 100, 99);  
box-shadow:4px 4px 4px 4px rgb(90, 100,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0258, 12.1889, 13.5759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 100, 99) }
```

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

```
.background{ background-color: rgb(90, 100,  
99) }
```

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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