

Converting Colors

XYZ(10.1163, 11.9135, 11.1732)

Have a look what the booklet for
XYZ(10.1163, 11.9135, 11.1732)
contains.

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Color

**XYZ(10.1130, 11.9134,
11.2177)**

Conversions

Conversions Part 1

Format	Color
Hex	546559
RGB	84, 101, 89
RGB Percent	33%, 40%, 35%
CMY	0.6706, 0.6039, 0.6510
CMYK	0.17, 0.00, 0.12, 0.60
HSL	138°, 9%, 36%
HSV	138°, 17%, 40%
XYZ	10.1130, 11.9134, 11.2177
YIQ	94.5490, -6.2800, -7.3360

Conversions

Conversions Part 2

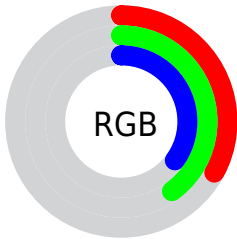
Format	Color
R_{YB}	84, 97, 101
Decimal	5530969
CIE Lab	41.08, -9.10, 4.65
CIE LCh	41, 10.218, 152.919
Yxy	11.9134, 0.3042, 0.3584
Android (android.graphics.Color)	4283721049 (0xFF546559)
YUV	94.5490, -2.7357, -9.2515
Hunter-Lab	34.5158, -8.1028, 4.8917

Details

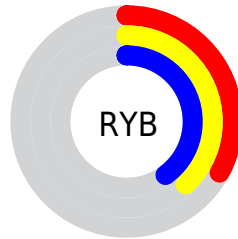
The XYZ color **10.1130, 11.9134, 11.2177** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.6489, 9.9522, 12.4266**, and the grayscale version is **10.7772, 11.3384, 12.3475**.

A 20% lighter version of the original color is **25.7200, 29.3889, 28.7431**, and **2.6105, 3.2515, 2.8729** is the 20% darker color. If you saturate the color by 10%, you get **8.9884, 11.3669, 9.6772**, and if you desaturate by 10%, it is **11.3977, 12.5397, 12.9176**.

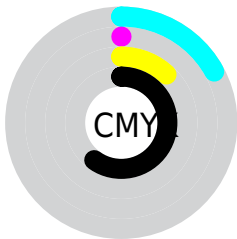
Distribution



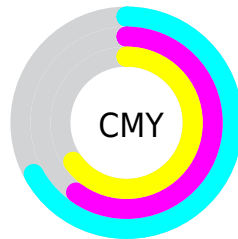
- Red (33%)
- Green (40%)
- Blue (35%)



- Red (33%)
- Yellow (38%)
- Blue (40%)



- Cyan (17%)
- Magenta (0%)
- Yellow (12%)
- Black (60%)



- Cyan (67%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1130, 11.9134, 11.2177 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 10.1130, 11.9134, 11.2177 by changing the saturation by 10% instead.

■ 10.1130, 11.9134,
11.2177

■ 10.1130, 11.9134,
11.2177

185.5135,
203.8311, 209.9458

■ 5.5368, 6.6847,
6.0974

■ 25.6556, 29.3373,
28.7048

■ 2.6035, 3.2657,
2.8347

■ 37.3526, 42.3013,
41.9088

■ 0.9477, 1.2720,
1.0109

■ 52.1541, 58.6125,
58.6443

■ 0.0000, 0.1194,
0.0000

■ 70.4251, 78.6554,
79.3301

■ 0.0000, 0.0000,
0.0000

■ 92.5313, 102.8143,
104.3846

118.8378,

131.4736, 134.2264

149.7101,
165.0178, 169.2739

■ 10.1130, 11.9134,
11.2177

■ 10.1130, 11.9134,
11.2177

■ 8.9884, 11.3669,
9.6772

■ 11.3977, 12.5397,
12.9176

■ 8.0164, 10.8955,
8.2908

■ 12.8475, 13.2474,
14.7805

■ 7.1907, 10.4964,
7.0539

■ 14.4684, 14.0397,
16.8109

■ 6.5039, 10.1658,
5.9614

■ 16.2658, 14.9195,
19.0128

■ 5.9479, 9.8997,
5.0081

■ 18.2449, 15.8892,
21.3903

■ 5.5140, 9.6937,
4.1882

■ 20.4107, 16.9513,
23.9470

■ 5.1920, 9.5427,
3.4958

■ 22.7680, 18.1083,
26.6867

■ 4.9541, 9.4325,
2.9234

■ 25.3213, 19.3625,
29.6129

■ 4.8845, 9.4000,
2.7655

■ 28.0750, 20.7160,
32.7292

Harmonies

Analogous

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



10.5738, 11.9134, 9.8668



10.1130, 11.9134, 11.2177



9.9719, 11.9134, 13.1785

Triad

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



10.1130, 11.9134, 11.2177



11.3953, 11.9134, 17.4401



12.5495, 11.9134, 10.8973

Complementary

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



10.1130, 11.9134, 11.2177



10.6489, 9.9522, 12.4266

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.



12.7917, 11.9134, 12.7670



10.1130, 11.9134, 11.2177



12.1075, 11.9134, 16.6679

Square

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



10.1130, 11.9134, 11.2177



10.6931, 11.9134, 16.9122



12.6266, 11.9134, 14.8996



11.9779, 11.9134, 9.6963

Rectangle

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



10.1130, 11.9134, 11.2177



10.0729, 11.9134, 14.6097



12.6266, 11.9134, 14.8996



12.6732, 11.9134, 11.4609

Sweetspot

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



10.1133, 11.9139, 11.2180



19.9673, 21.7225, 22.6969



11.0975, 12.4447, 10.2049



4.8837, 5.3306, 5.5465



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.



10.1133, 11.9139, 11.2180



16.6102, 20.0870, 18.2404



10.4827, 12.0616, 13.1629



2.8272, 3.1547, 3.1917



6.3874, 12.3186, 3.5354



32.9718, 64.1113, 16.6393

Inverse Universe

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



10.6489, 9.9522, 12.4266



17.7057, 16.0736, 20.7121



10.2859, 9.8070, 10.5150



2.9033, 2.8760, 3.3635



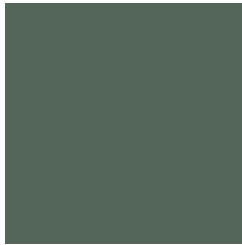
8.5227, 4.2220, 8.1509



44.0551, 21.8620, 40.4289

Previews

White Background



This preview shows how the XYZ color 10.1130, 11.9134, 11.2177 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 10.1130, 11.9134, 11.2177 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

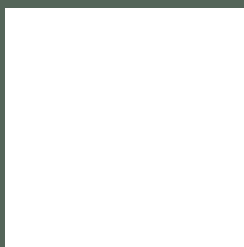
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.1130, 11.9134, 11.2177

Background



This preview shows how black text looks on a background with the XYZ color 10.1130, 11.9134, 11.2177.



This preview shows how white text looks on a background with the XYZ color 10.1130, 11.9134,

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

10.1130, 11.9134, 11.2177

Protanopia

11.2700, 11.8206, 10.7044

Deuteranopia

11.9870, 11.7722, 11.5380



Tritanopia

10.9938, 11.9905, 15.3706

Trichromacy



Original Color

10.1130, 11.9134, 11.2177

Protanomaly

10.8484, 11.8728, 10.9524

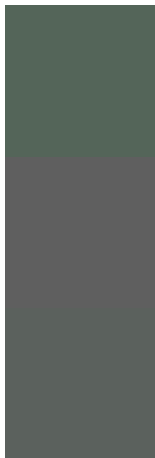
Deuteranomaly

11.1739, 11.7566, 11.3532

Tritanomaly

10.6952, 12.0129, 13.8116

Monochromacy



Original Color

10.1130, 11.9134, 11.2177

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.5649, 11.5638, 12.0311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1130, 11.9134, 11.2177 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(84, 101, 89) looks like.

```
.text, #text, p{  
    color:rgb(84, 101, 89)  
}
```

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(84, 101, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 101, 89) }
```

Border

The CSS property to change the border of an element to XYZ 10.1130, 11.9134, 11.2177 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(84, 101, 89) }
```


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

```
.border{ border-color:rgb(84, 101, 89) }
```

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

Here you see how a box with a 4 pixel rgb(84, 101, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 101, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 101, 89);  
box-shadow:4px 4px 4px 4px rgb(84, 101,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1130, 11.9134, 11.2177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 101, 89) }
```

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

```
.background{ background-color: rgb(84, 101,  
89) }
```

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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