

Converting Colors

XYZ(10.6139, 11.2756, 12.0923)

Have a look what the booklet for
XYZ(10.6139, 11.2756, 12.0923)
contains.

XYZ(10.6268, 11.3197, 12.2145)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.6268, 11.3197,
12.2145)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5F5E
RGB	93, 95, 94
RGB Percent	36%, 37%, 37%
CMY	0.6353, 0.6274, 0.6314
CMYK	0.02, 0.00, 0.01, 0.63
HSL	150°, 1%, 37%
HSV	150°, 2%, 37%
XYZ	10.6268, 11.3197, 12.2145
YIQ	94.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

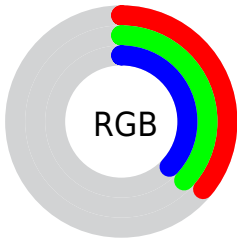
Format	Color
RYB	93, 94, 95
Decimal	6119262
CIELab	40.11, -0.99, 0.29
CIElCh	40, 1.037, 163.719
Yxy	11.3197, 0.3111, 0.3314
Android (android.graphics.Color)	4284309342 (0xFF5D5F5E)
YUV	94.2880, -0.1420, -1.1296
Hunter-Lab	33.6448, -2.4986, 2.0265

Details

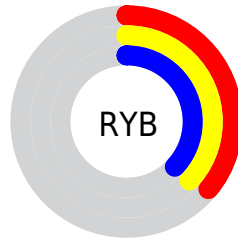
The XYZ color **10.6268, 11.3197, 12.2145** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.6545, 11.0701, 12.1654**, and the grayscale version is **10.7082, 11.2659, 12.2686**.

A 20% lighter version of the original color is **26.4871, 28.1041, 30.4142**, and **2.8041, 3.0144, 3.2303** is the 20% darker color. If you saturate the color by 10%, you get **9.5176, 10.7721, 11.0831**, and if you desaturate by 10%, it is **11.8693, 11.9351, 13.4212**.

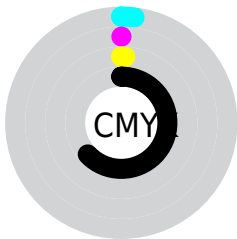
Distribution



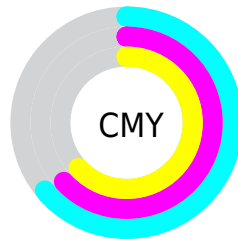
- Red (36%)
- Green (37%)
- Blue (37%)



- Red (36%)
- Yellow (37%)
- Blue (37%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (63%)



- Cyan (64%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6268, 11.3197, 12.2145 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 10.6268, 11.3197, 12.2145 by changing the saturation by 10% instead.

■ 10.6268, 11.3197,
12.2145

■ 10.6268, 11.3197,
12.2145

189.0506,
199.8479, 216.8483

■ 5.8819, 6.2823,
6.7656

■ 26.6071, 28.2498,
30.5554

■ 2.8134, 3.0175,
3.2397

■ 38.5732, 40.9114,
44.2845

■ 1.0559, 1.1409,
1.2183

■ 53.6771, 56.8831,
61.6108

■ 0.0000, 0.0126,
0.0000

■ 72.2841, 76.5494,
82.9527

■ 0.0000, 0.0000,
0.0000

94.7596, 100.2946,
108.7289

121.4689,

128.5032, 139.3579

152.7775,
161.5595, 175.2581

■ 10.6268, 11.3197,
12.2145

■ 10.6268, 11.3197,
12.2145

■ 9.5176, 10.7721,
11.0831

■ 11.8693, 11.9351,
13.4212

■ 8.5361, 10.2885,
10.0249

■ 13.2485, 12.6192,
14.7039

■ 7.6777, 9.8670,
9.0386

■ 14.7689, 13.3744,
16.0641

■ 6.9374, 9.5048,
8.1226

■ 16.4344, 14.2029,
17.5033

■ 6.3095, 9.1992,
7.2755

■ 18.2489, 15.1066,
19.0227

■ 5.7879, 8.9471,
6.4954

■ 20.2161, 16.0873,
20.6235

■ 5.3661, 8.7450,
5.7807

■ 22.3394, 17.1469,
22.3070

■ 5.0365, 8.5892,
5.1295

■ 24.6224, 18.2870,
24.0743

■ 4.7885, 8.4741,
4.5398

■ 27.0684, 19.5095,
25.9267

Harmonies

Analogous

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



10.6637, 11.3197, 12.0411



10.6268, 11.3197, 12.2145



10.6252, 11.3197, 12.4194

Triad

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



10.6268, 11.3197, 12.2145



10.7919, 11.3197, 12.7141



10.8593, 11.3197, 12.0535

Complementary

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



10.6268, 11.3197, 12.2145



10.6545, 11.0701, 12.1654

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.



10.8940, 11.3197, 12.2315



10.6268, 11.3197, 12.2145



10.8549, 11.3197, 12.6138

Square

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



10.6268, 11.3197, 12.2145



10.7203, 11.3197, 12.7094



10.8924, 11.3197, 12.4366



10.7979, 11.3197, 11.9489

Rectangle

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



10.6268, 11.3197, 12.2145



10.6444, 11.3197, 12.5465



10.8924, 11.3197, 12.4366



10.8745, 11.3197, 12.1066

Sweetspot

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



10.6271, 11.3202, 12.2147



18.4183, 19.4951, 21.1356



10.6879, 11.3567, 11.9849



4.4181, 4.6737, 5.0691



48.1978, 50.7079, 55.2208



4.4639, 4.6964, 5.1144

Same Dimension

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



10.6271, 11.3202, 12.2147



18.0036, 19.2900, 20.7232



10.6708, 11.3377, 12.4450



2.7482, 2.9528, 3.1655



6.5313, 11.9185, 5.7042



34.4465, 63.4936, 28.1282

Inverse Universe

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



10.6545, 11.0701, 12.1654



18.0719, 18.6657, 20.6002



10.6113, 11.0528, 11.9380



2.7602, 2.8428, 3.1438



7.4250, 3.7449, 4.0920



39.2208, 19.8278, 19.5150

Previews

White Background



This preview shows how the XYZ color 10.6268, 11.3197, 12.2145 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 10.6268, 11.3197, 12.2145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

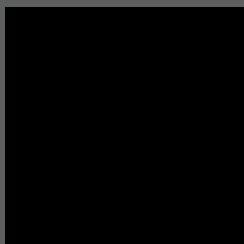
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

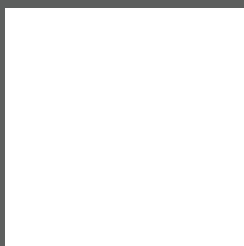
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.6268, 11.3197, 12.2145

Background



This preview shows how black text looks on a background with the XYZ color 10.6268, 11.3197, 12.2145.

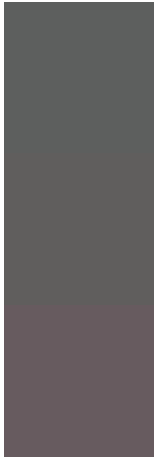


This preview shows how white text looks on a background with the XYZ color 10.6268, 11.3197,

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

10.6268, 11.3197, 12.2145

Protanopia

10.8024, 11.2825, 11.9643

Deuteranopia

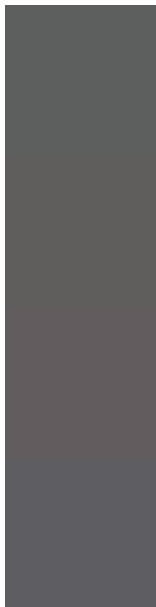
11.4002, 11.1920, 12.3859



Tritanopia

10.9678, 11.3247, 13.9197

Trichromacy



Original Color

10.6268, 11.3197, 12.2145

Protanomaly

10.6978, 11.2286, 11.9594

Deuteranomaly

11.0383, 11.1332, 12.3936

Tritanomaly

10.8234, 11.2669, 13.1596

Monochromacy



Original Color

10.6268, 11.3197, 12.2145

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.6392, 11.1932, 12.1894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6268, 11.3197, 12.2145 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(93, 95, 94) looks like.

```
.text, #text, p{  
    color:rgb(93, 95, 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(93, 95, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 95, 94) }
```

Border

The CSS property to change the border of an element to XYZ 10.6268, 11.3197, 12.2145 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(93, 95, 94) }
```


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

```
.border{ border-color:rgb(93, 95, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 95, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 95, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 95, 94);  
box-shadow:4px 4px 4px 4px rgb(93, 95, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.6268, 11.3197, 12.2145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 95, 94) }
```

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

```
.background{ background-color: rgb(93, 95,  
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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