

Converting Colors

XYZ(10.6997, 11.9688, 12.3686)

Have a look what the booklet for
XYZ(10.6997, 11.9688, 12.3686)
contains.

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Color

**XYZ(10.6987, 11.9055,
12.3238)**

Conversions

Conversions Part 1

Format	Color
Hex	5A635E
RGB	90, 99, 94
RGB Percent	35%, 39%, 37%
CMY	0.6471, 0.6118, 0.6314
CMYK	0.09, 0.00, 0.05, 0.61
HSL	147°, 5%, 37%
HSV	147°, 9%, 39%
XYZ	10.6987, 11.9055, 12.3238
YIQ	95.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

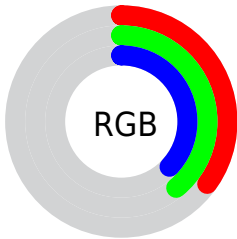
Format	Color
RYB	90, 96, 99
Decimal	5923678
CIELab	41.07, -4.56, 1.64
CIELCh	41, 4.843, 160.148
Yxy	11.9055, 0.3063, 0.3409
Android (android.graphics.Color)	4284113758 (0xFF5A635E)
YUV	95.7390, -0.8573, -5.0331
Hunter-Lab	34.5043, -5.0354, 2.9766

Details

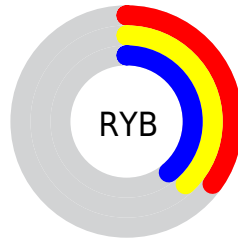
The XYZ color **10.6987, 11.9055, 12.3238** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.8678, 10.7916, 12.3373**, and the grayscale version is **11.0580, 11.6338, 12.6692**.

A 20% lighter version of the original color is **26.7556, 29.4018, 30.6505**, and **2.8453, 3.2951, 3.2824** is the 20% darker color. If you saturate the color by 10%, you get **9.5611, 11.3469, 11.0277**, and if you desaturate by 10%, it is **11.9829, 12.5383, 13.7191**.

Distribution



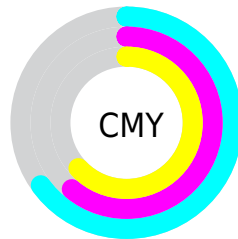
- Red (35%)
- Green (39%)
- Blue (37%)



- Red (35%)
- Yellow (38%)
- Blue (39%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (61%)



- Cyan (65%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6987, 11.9055, 12.3238 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 10.6987, 11.9055, 12.3238 by changing the saturation by 10% instead.

■ 10.6987, 11.9055,
12.3238

■ 10.6987, 11.9055,
12.3238

189.5399,
203.7787, 217.5907

■ 5.9304, 6.6794,
6.8394

■ 26.7396, 29.3229,
30.7567

■ 2.8431, 3.2624,
3.2849

■ 38.7429, 42.2829,
44.5422

■ 1.0713, 1.2702,
1.2419

■ 53.8885, 58.5897,
61.9318

■ 0.0009, 0.1180,
0.0135

■ 72.5419, 78.6276,
83.3441

■ 0.0000, 0.0000,
0.0000

■ 95.0684, 102.7811,
109.1976

121.8333,

131.4345, 139.9109

153.2020,
164.9722, 175.9024

■ 10.6987, 11.9055,
12.3238

■ 10.6987, 11.9055,
12.3238

■ 9.5611, 11.3469,
11.0277

■ 11.9829, 12.5383,
13.7191

■ 8.5636, 10.8582,
9.8279

■ 13.4178, 13.2464,
15.2150

■ 7.7009, 10.4370,
8.7224

■ 15.0085, 14.0327,
16.8136

■ 6.9669, 10.0803,
7.7088

■ 16.7597, 14.8996,
18.5171

■ 6.3547, 9.7845,
6.7849

■ 18.6759, 15.8494,
20.3271

■ 5.8573, 9.5461,
5.9480

■ 20.7613, 16.8841,
22.2457

■ 5.4665, 9.3609,
5.1955

■ 23.0200, 18.0059,
24.2747

■ 5.1730, 9.2241,
4.5246

■ 25.4559, 19.2168,
26.4157

■ 4.9372, 9.1155,
3.9309

■ 28.0730, 20.5188,
28.6705

Harmonies

Analogous

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



10.8903, 11.9055, 11.5542



10.6987, 11.9055, 12.3238



10.6705, 11.9055, 13.3033

Triad

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



10.6987, 11.9055, 12.3238



11.4340, 11.9055, 14.9402



11.8345, 11.9055, 11.7676

Complementary

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



10.6987, 11.9055, 12.3238



10.8678, 10.7916, 12.3373

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.



11.9866, 11.9055, 12.6287



10.6987, 11.9055, 12.3238



11.7523, 11.9055, 14.4821

Square

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



10.6987, 11.9055, 12.3238



11.0903, 11.9055, 14.8482



11.9562, 11.9055, 13.6241



11.5443, 11.9055, 11.2446

Rectangle

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



10.6987, 11.9055, 12.3238



10.7476, 11.9055, 13.9485



11.9562, 11.9055, 13.6241



11.9037, 11.9055, 12.0252

Sweetspot

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



10.6990, 11.9060, 12.3241



19.6451, 21.0594, 22.5572



11.0375, 12.1007, 11.4270



4.6348, 4.9886, 5.3241



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.



10.6990, 11.9060, 12.3241



17.8979, 20.1995, 20.6318



10.9023, 11.9873, 13.3943



2.5856, 2.8730, 2.9781



6.3889, 11.8616, 4.9542



33.7001, 63.1950, 24.1974

Inverse Universe

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



10.8678, 10.7916, 12.3373



18.2530, 17.8541, 20.6596



10.6733, 10.7138, 11.3130



2.6253, 2.6111, 2.9812



7.5865, 3.8095, 4.9424



40.0800, 20.1715, 24.0394

Previews

White Background



This preview shows how the XYZ color 10.6987, 11.9055, 12.3238 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 10.6987, 11.9055, 12.3238 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

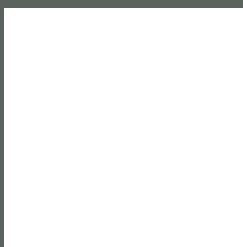
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.6987, 11.9055, 12.3238

Background



This preview shows how black text looks on a background with the XYZ color 10.6987, 11.9055, 12.3238.



This preview shows how white text looks on a background with the XYZ color 10.6987, 11.9055,

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

10.6987, 11.9055, 12.3238

Protanopia

11.2602, 11.7911, 11.8076

Deuteranopia

12.1317, 11.9574, 12.4951



Tritanopia

11.2381, 11.8446, 15.0585

Trichromacy



Original Color

10.6987, 11.9055, 12.3238

Protanomaly

11.0743, 11.8265, 12.0550

Deuteranomaly

11.6153, 11.9587, 12.5225

Tritanomaly

11.0310, 11.8991, 14.0273

Monochromacy



Original Color

10.6987, 11.9055, 12.3238

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.9563, 11.7553, 12.5180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6987, 11.9055, 12.3238 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, 99, 94) looks like.

```
.text, #text, p{  
    color:rgb(90, 99, 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(90, 99, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 99, 94) }
```

Border

The CSS property to change the border of an element to XYZ 10.6987, 11.9055, 12.3238 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, 99, 94) }
```


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

```
.border{ border-color:rgb(90, 99, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 99, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 99, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 99, 94);  
box-shadow:4px 4px 4px 4px rgb(90, 99, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.6987, 11.9055, 12.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 99, 94) }
```

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

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