

Converting Colors

XYZ(11.8754, 12.2340, 11.3890)

Have a look what the booklet for
XYZ(11.8754, 12.2340, 11.3890)
contains.

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Color

**XYZ(11.9459, 12.2908,
11.4156)**

Conversions

Conversions Part 1

Format	Color
Hex	69615A
RGB	105, 97, 90
RGB Percent	41%, 38%, 35%
CMY	0.5882, 0.6196, 0.6471
CMYK	0.00, 0.08, 0.14, 0.59
HSL	28°, 8%, 38%
HSV	28°, 14%, 41%
XYZ	11.9459, 12.2908, 11.4156
YIQ	98.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

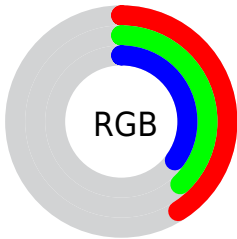
Format	Color
RYB	105, 103, 90
Decimal	6906202
CIELab	41.67, 1.86, 5.13
CIELCh	42, 5.458, 70.101
Yxy	12.2908, 0.3351, 0.3447
Android (android.graphics.Color)	4285096282 (0xFF69615A)
YUV	98.5940, -4.2368, 5.6181
Hunter-Lab	35.0582, -0.5290, 5.2349

Details

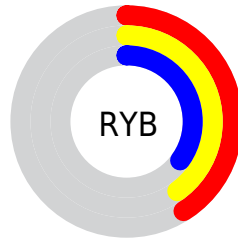
The XYZ color **11.9459, 12.2908, 11.4156** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1340, 11.9289, 15.0806**, and the grayscale version is **11.7670, 12.3799, 13.4817**.

A 20% lighter version of the original color is **29.0338, 30.1412, 29.0985**, and **3.3834, 3.4490, 2.8703** is the 20% darker color. If you saturate the color by 10%, you get **11.0311, 11.1265, 9.0593**, and if you desaturate by 10%, it is **12.9611, 13.5545, 14.1173**.

Distribution



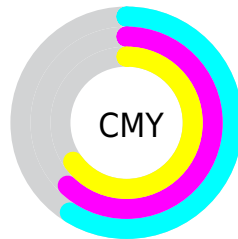
- Red (41%)
- Green (38%)
- Blue (35%)



- Red (41%)
- Yellow (40%)
- Blue (35%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (59%)



- Cyan (59%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9459, 12.2908, 11.4156 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 11.9459, 12.2908, 11.4156 by changing the saturation by 10% instead.

■ 11.9459, 12.2908,
11.4156

■ 11.9459, 12.2908,
11.4156

197.8240,
206.3211, 211.3358

■ 6.7788, 6.9420,
6.2294

■ 29.0142, 30.0236,
29.0745

■ 3.3692, 3.4259,
2.9140

■ 41.6462, 43.1765,
42.3842

■ 1.3519, 1.3579,
1.0509

■ 57.4971, 59.6996,
59.2390

■ 0.2216, 0.1854,
0.0000

■ 76.9324, 79.9772,
80.0572

■ 0.0000, 0.0000,
0.0000

100.3174,
104.3937, 105.2574

128.0174,

133.3336, 135.2583

160.3978,
167.1813, 170.4782

■ 11.9459, 12.2908,
11.4156

■ 11.9459, 12.2908,
11.4156

■ 11.0311, 11.1265,
9.0593

■ 12.9611, 13.5545,
14.1173

■ 10.2122, 10.0574,
7.0333

■ 14.0789, 14.9185,
17.1767

■ 9.4861, 9.0813,
5.3230

■ 15.3026, 16.3856,
20.6069

■ 8.8488, 8.1956,
3.9119

■ 16.6351, 17.9580,
24.4197

■ 8.2962, 7.3972,
2.7823

■ 18.0794, 19.6381,
28.6266

■ 7.8238, 6.6828,
1.9145

■ 19.6380, 21.4278,
33.2386

■ 7.4266, 6.0491,
1.2862

■ 21.3135, 23.3292,
38.2661

■ 7.0961, 5.4912,
0.8582

■ 23.1085, 25.3444,
43.7193

■ 6.9246, 5.2008,
0.6389

■ 25.0254, 27.4753,
49.6079

Harmonies

Analogous

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



12.2805, 12.2908, 12.0127



11.9459, 12.2908, 11.4156



11.5476, 12.2908, 11.3282

Triad

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



11.9459, 12.2908, 11.4156



10.9408, 12.2908, 13.7728



12.1847, 12.2908, 15.1400

Complementary

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



11.9459, 12.2908, 11.4156



11.1340, 11.9289, 15.0806

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.



11.8175, 12.2908, 15.6715



11.9459, 12.2908, 11.4156



11.1033, 12.2908, 14.8528

Square

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



11.9459, 12.2908, 11.4156



10.9734, 12.2908, 12.6465



11.4221, 12.2908, 15.5635



12.4206, 12.2908, 14.1468

Rectangle

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



11.9459, 12.2908, 11.4156



11.3004, 12.2908, 11.5652



11.4221, 12.2908, 15.5635



12.0722, 12.2908, 15.3811

Sweetspot

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



11.9462, 12.2913, 11.4159



23.2406, 24.3108, 25.3663



11.6867, 11.1976, 13.1009



5.4176, 5.6621, 5.8705



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.9462, 12.2913, 11.4159



20.8467, 21.3216, 19.0233



12.6722, 13.7433, 11.6579



3.2053, 3.3279, 3.2909



8.7309, 6.5115, 0.7967



43.6335, 31.4706, 3.7747

Inverse Universe

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



11.1340, 11.9289, 15.0806



19.1033, 20.5436, 26.8895



10.4649, 10.5907, 14.8576



3.0695, 3.2673, 3.9038



4.9812, 4.7967, 17.5856



24.5051, 22.6888, 89.3140

Previews

White Background



This preview shows how the XYZ color 11.9459, 12.2908, 11.4156 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 11.9459, 12.2908, 11.4156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

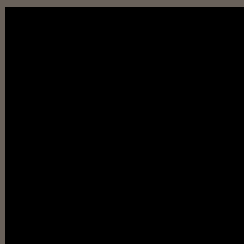
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

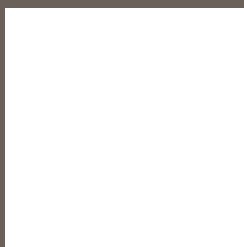
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.9459, 12.2908, 11.4156

Background



This preview shows how black text looks on a background with the XYZ color 11.9459, 12.2908, 11.4156.



This preview shows how white text looks on a background with the XYZ color 11.9459, 12.2908,

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

11.9459, 12.2908, 11.4156

Protanopia

11.7355, 12.3155, 11.6561

Deuteranopia

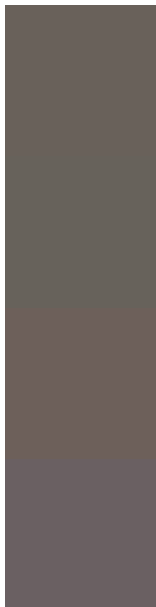
12.4932, 12.3021, 11.3889



Tritanopia

12.6038, 12.2895, 14.5398

Trichromacy



Original Color

11.9459, 12.2908, 11.4156

Protanomaly

11.8495, 12.3743, 11.6615

Deuteranomaly

12.3350, 12.3551, 11.4075

Tritanomaly

12.3313, 12.3118, 13.2817

Monochromacy



Original Color

11.9459, 12.2908, 11.4156

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.8458, 12.3466, 12.8251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9459, 12.2908, 11.4156 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(105, 97, 90)` looks like.

```
.text, #text, p{  
    color:rgb(105, 97, 90)  
}
```

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(105, 97, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 97, 90) }
```

Border

The CSS property to change the border of an element to XYZ 11.9459, 12.2908, 11.4156 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(105, 97, 90) }
```


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

```
.border{ border-color:rgb(105, 97, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 97, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 97, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 97, 90);  
box-shadow:4px 4px 4px 4px rgb(105, 97,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9459, 12.2908, 11.4156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 97, 90) }
```

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

```
.background{ background-color: rgb(105, 97,  
90) }
```

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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