

Converting Colors

XYZ(11.6649, 12.2055, 12.9204)

Have a look what the booklet for
XYZ(11.6649, 12.2055, 12.9204)
contains.

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Color

**XYZ(11.6246, 12.2325,
12.8148)**

Conversions

Conversions Part 1

Format	Color
Hex	636260
RGB	99, 98, 96
RGB Percent	39%, 38%, 38%
CMY	0.6118, 0.6157, 0.6235
CMYK	0.00, 0.01, 0.03, 0.61
HSL	40°, 2%, 38%
HSV	40°, 3%, 39%
XYZ	11.6246, 12.2325, 12.8148
YIQ	98.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

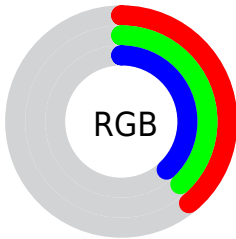
Format	Color
RYB	98, 99, 96
Decimal	6513248
CIELab	41.58, -0.01, 1.27
CIElCh	42, 1.269, 90.650
Yxy	12.2325, 0.3170, 0.3336
Android (android.graphics.Color)	4284703328 (0xFF636260)
YUV	98.0710, -1.0210, 0.8147
Hunter-Lab	34.9750, -1.8784, 2.7587

Details

The XYZ color **11.6246, 12.2325, 12.8148** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.3508, 11.9370, 13.5104**, and the grayscale version is **11.6296, 12.2353, 13.3242**.

A 20% lighter version of the original color is **28.5134, 30.0542, 31.4924**, and **3.2719, 3.4432, 3.5098** is the 20% darker color. If you saturate the color by 10%, you get **10.8953, 11.4579, 10.4628**, and if you desaturate by 10%, it is **12.4247, 13.0566, 15.4740**.

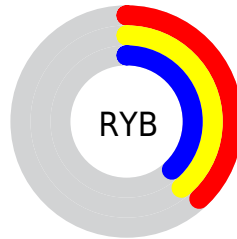
Distribution



Red (39%)

Green (38%)

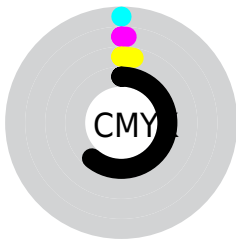
Blue (38%)



Red (38%)

Yellow (39%)

Blue (38%)

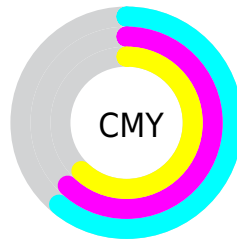


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (61%)



Cyan (61%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6246, 12.2325, 12.8148 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 11.6246, 12.2325, 12.8148 by changing the saturation by 10% instead.

■ 11.6246, 12.2325,
12.8148

■ 11.6246, 12.2325,
12.8148

195.7251,
205.9385, 220.8933

■ 6.5590, 6.9022,
7.1719

■ 28.4323, 29.9179,
31.6570

■ 3.2317, 3.4010,
3.4898

■ 40.9052, 43.0417,
45.6933

■ 1.2775, 1.3445,
1.3498

■ 56.5778, 59.5322,
63.3646

■ 0.1662, 0.1753,
0.1021

■ 75.8156, 79.7738,
85.0893

■ 0.0000, 0.0000,
0.0000

98.9838, 104.1508,
111.2859

126.4479,

133.0477, 142.3731

158.5732,
166.8488, 178.7694

■ 11.6246, 12.2325,
12.8148

■ 11.6246, 12.2325,
12.8148

■ 10.8953, 11.4579,
10.4628

■ 12.4247, 13.0566,
15.4740

■ 10.2335, 10.7299,
8.4058

■ 13.2968, 13.9296,
18.4503

■ 9.6371, 10.0480,
6.6324

■ 14.2432, 14.8531,
21.7540

■ 9.1037, 9.4108,
5.1296

■ 15.2660, 15.8282,
25.3948

■ 8.6303, 8.8170,
3.8838

■ 16.3669, 16.8558,
29.3821

■ 8.2140, 8.2651,
2.8799

■ 17.5480, 17.9370,
33.7247

■ 7.8516, 7.7535,
2.1016

■ 18.8108, 19.0725,
38.4313

■ 7.5393, 7.2805,
1.5301

■ 20.1572, 20.2634,
43.5102

■ 7.2713, 6.8435,
1.1358

■ 21.5887, 21.5104,
48.9693

Harmonies

Analogous

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



11.7143, 12.2325, 12.8788



11.6246, 12.2325, 12.8148



11.5359, 12.2325, 12.8844

Triad

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



11.6246, 12.2325, 12.8148



11.4738, 12.2325, 13.5812



11.7828, 12.2325, 13.5711

Complementary

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



11.6246, 12.2325, 12.8148



11.3508, 11.9370, 13.5104

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.



11.7178, 12.2325, 13.7634



11.6246, 12.2325, 12.8148



11.5394, 12.2325, 13.7694

Square

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



11.6246, 12.2325, 12.8148



11.4492, 12.2325, 13.3249



11.6286, 12.2325, 13.8365



11.8059, 12.2325, 13.3133

Rectangle

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



11.6246, 12.2325, 12.8148



11.4892, 12.2325, 12.9978



11.6286, 12.2325, 13.8365



11.7651, 12.2325, 13.6457

Sweetspot

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



11.6249, 12.2330, 12.8151



20.2066, 21.2610, 22.8536



11.4864, 11.8817, 12.9975



4.8059, 5.0566, 5.4419



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.



11.6249, 12.2330, 12.8151



19.8003, 20.8368, 21.5209



11.6645, 12.3930, 12.8439



2.7764, 2.9217, 3.0052



9.2135, 8.4697, 1.1492



48.3879, 43.5819, 5.8618

Inverse Universe

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



11.3508, 11.9370, 13.5104



19.1662, 20.1520, 23.1295



11.3119, 11.7808, 13.4823



2.6807, 2.8184, 3.2480



3.6083, 2.5194, 15.6838



18.5372, 11.9806, 83.5401

Previews

White Background



This preview shows how the XYZ color 11.6246, 12.2325, 12.8148 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 11.6246, 12.2325, 12.8148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

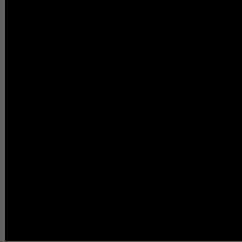
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6246, 12.2325, 12.8148

Background



This preview shows how black text looks on a background with the XYZ color 11.6246, 12.2325, 12.8148.

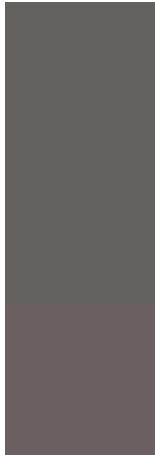


This preview shows how white text looks on a background with the XYZ color 11.6246, 12.2325,

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

11.6246, 12.2325, 12.8148

Protanopia

11.7345, 12.2892, 12.8199

Deuteranopia

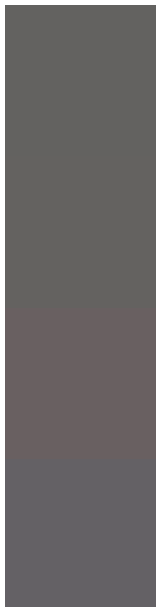
12.4342, 12.2356, 13.0156



Tritanopia

12.0289, 12.2582, 14.8288

Trichromacy



Original Color

11.6246, 12.2325, 12.8148

Protanomaly

11.7345, 12.2892, 12.8199

Deuteranomaly

12.1662, 12.2321, 13.0291

Tritanomaly

11.8792, 12.1983, 14.0403

Monochromacy



Original Color

11.6246, 12.2325, 12.8148

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.5624, 12.1951, 13.0537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6246, 12.2325, 12.8148 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(99, 98, 96) looks like.

```
.text, #text, p{  
    color:rgb(99, 98, 96)  
}
```

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(99, 98, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 98, 96) }
```

Border

The CSS property to change the border of an element to XYZ 11.6246, 12.2325, 12.8148 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(99, 98, 96) }
```


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

```
.border{ border-color:rgb(99, 98, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 98, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 98, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 98, 96);  
box-shadow:4px 4px 4px 4px rgb(99, 98, 96)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.6246, 12.2325, 12.8148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 98, 96) }
```

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

```
.background{ background-color: rgb(99, 98,  
96) }
```

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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