

Converting Colors

XYZ(11.6851, 12.2921, 11.7993)

Have a look what the booklet for
XYZ(11.6851, 12.2921, 11.7993)
contains.

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Color

**XYZ(11.6663, 12.2748,
11.8796)**

Conversions

Conversions Part 1

Format	Color
Hex	65625C
RGB	101, 98, 92
RGB Percent	40%, 38%, 36%
CMY	0.6039, 0.6157, 0.6392
CMYK	0.00, 0.03, 0.09, 0.60
HSL	40°, 5%, 38%
HSV	40°, 9%, 40%
XYZ	11.6663, 12.2748, 11.8796
YIQ	98.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

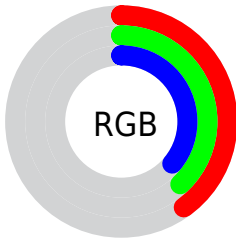
Format	Color
R_{YB}	97, 101, 92
Decimal	6644316
CIE Lab	41.65, -0.00, 3.83
CIE LCh	42, 3.828, 90.056
Yxy	12.2748, 0.3257, 0.3427
Android (android.graphics.Color)	4284834396 (0xFF65625C)
YUV	98.2130, -3.0630, 2.4442
Hunter-Lab	35.0354, -1.8740, 4.4211

Details

The XYZ color **11.6663, 12.2748, 11.8796** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.8548, 11.3991, 13.9402**, and the grayscale version is **11.6695, 12.2773, 13.3699**.

A 20% lighter version of the original color is **28.5788, 30.1233, 29.8993**, and **3.2425, 3.4375, 3.0774** is the 20% darker color. If you saturate the color by 10%, you get **10.9458, 11.4938, 9.6045**, and if you desaturate by 10%, it is **12.4596, 13.1069, 14.4698**.

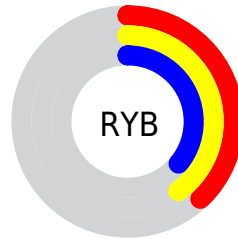
Distribution



Red (40%)

Green (38%)

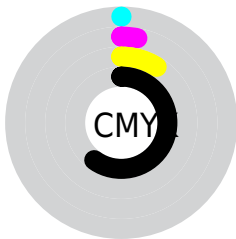
Blue (36%)



Red (38%)

Yellow (40%)

Blue (36%)

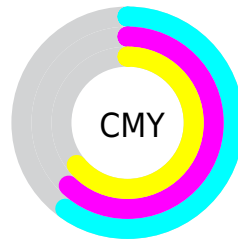


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (60%)



Cyan (60%)

Magenta (62%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6663, 12.2748, 11.8796 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 11.6663, 12.2748, 11.8796 by changing the saturation by 10% instead.

■ 11.6663, 12.2748,
11.8796

■ 11.6663, 12.2748,
11.8796

195.9988,
206.2161, 214.5561

■ 6.5875, 6.9311,
6.5402

■ 28.5080, 29.9946,
29.9367

■ 3.2495, 3.4191,
3.1022

■ 41.0016, 43.1395,
43.4916

■ 1.2870, 1.3542,
1.1471

■ 56.6975, 59.6537,
60.6219

■ 0.1735, 0.1826,
0.0000

■ 75.9610, 79.9214,
81.7464

■ 0.0000, 0.0000,
0.0000

99.1576, 104.3271,
107.2835

126.6525,

133.2552, 137.6518

158.8111,
167.0901, 173.2698

■ 11.6663, 12.2748,
11.8796

■ 11.6663, 12.2748,
11.8796

■ 10.9458, 11.4938,
9.6045

■ 12.4596, 13.1069,
14.4698

■ 10.2947, 10.7611,
7.6314

■ 13.3270, 13.9896,
17.3858

■ 9.7105, 10.0759,
5.9475

■ 14.2711, 14.9247,
20.6389

■ 9.1906, 9.4367,
4.5389

■ 15.2940, 15.9133,
24.2394

■ 8.7318, 8.8421,
3.3904

■ 16.3978, 16.9563,
28.1975

■ 8.3309, 8.2905,
2.4853

■ 17.5845, 18.0549,
32.5227

■ 7.9841, 7.7802,
1.8051

■ 18.8558, 19.2100,
37.2242

■ 7.6873, 7.3090,
1.3283

■ 20.2137, 20.4226,
42.3110

■ 7.4234, 6.8700,
0.9664

■ 21.6599, 21.6935,
47.7916

Harmonies

Analogous

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



11.9381, 12.2748, 12.0712



11.6663, 12.2748, 11.8796



11.3988, 12.2748, 12.0726

Triad

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



11.6663, 12.2748, 11.8796



11.2063, 12.2748, 14.1536



12.1403, 12.2748, 14.1509

Complementary

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



11.6663, 12.2748, 11.8796



10.8548, 11.3991, 13.9402

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.



11.9390, 12.2748, 14.7469



11.6663, 12.2748, 11.8796



11.3997, 12.2748, 14.7485

Square

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



11.6663, 12.2748, 11.8796



11.1359, 12.2748, 13.3667



11.6674, 12.2748, 14.9697



12.2144, 12.2748, 13.3637

Rectangle

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



11.6663, 12.2748, 11.8796



11.2583, 12.2748, 12.3980



11.6674, 12.2748, 14.9697



12.0851, 12.2748, 14.3814

Sweetspot

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



11.6666, 12.2753, 11.8799



20.8065, 21.8948, 22.9184



11.2597, 11.2474, 12.4042



5.0968, 5.3635, 5.5648



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.



11.6666, 12.2753, 11.8799



19.7209, 20.7442, 19.4098



11.7860, 12.7611, 11.9673



2.9674, 3.1222, 3.0207



9.6583, 8.8696, 1.2030



49.5460, 44.6059, 5.9984

Inverse Universe

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



10.8548, 11.3991, 13.9402



17.9791, 18.8644, 23.8303



10.7413, 10.9474, 13.8590



2.7604, 2.8988, 3.5460



3.7804, 2.6326, 16.4532



18.9844, 12.2654, 85.5683

Previews

White Background



This preview shows how the XYZ color 11.6663, 12.2748, 11.8796 looks on a white background.

Color Contrast Check

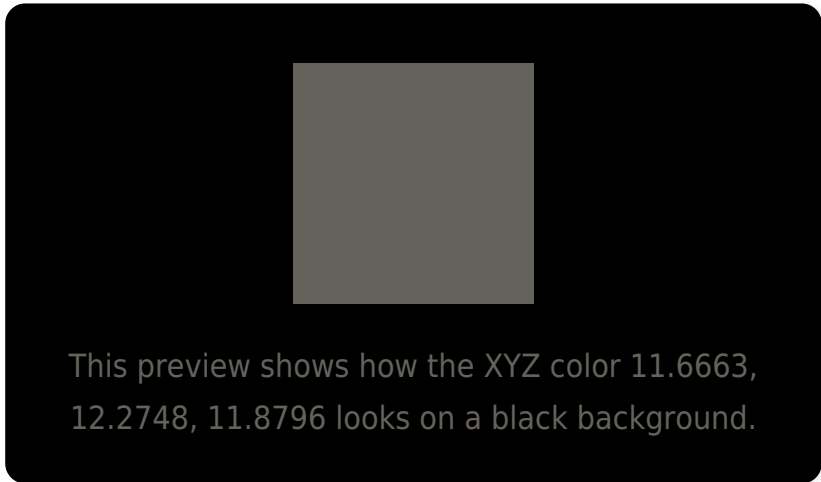
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

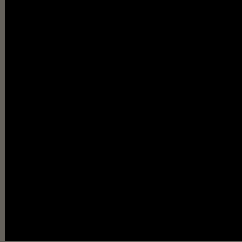
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6663, 12.2748, 11.8796

Background



This preview shows how black text looks on a background with the XYZ color 11.6663, 12.2748, 11.8796.



This preview shows how white text looks on a background with the XYZ color 11.6663, 12.2748,

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

11.6663, 12.2748, 11.8796

Protanopia

11.6663, 12.2748, 11.8796

Deuteranopia

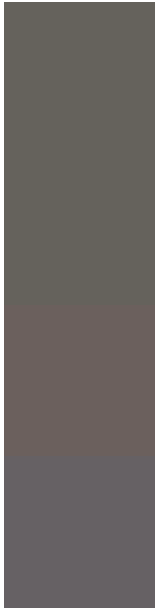
12.4984, 12.2897, 12.0693



Tritanopia

12.2751, 12.2488, 14.8140

Trichromacy



Original Color

11.6663, 12.2748, 11.8796

Protanomaly

11.6663, 12.2748, 11.8796

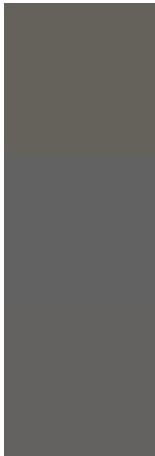
Deuteranomaly

12.2221, 12.2819, 12.0824

Tritanomaly

12.0544, 12.2943, 13.7943

Monochromacy



Original Color

11.6663, 12.2748, 11.8796

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.6246, 12.2325, 12.8148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6663, 12.2748, 11.8796 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(101, 98, 92)` looks like.

```
.text, #text, p{  
    color:rgb(101, 98, 92)  
}
```

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(101, 98, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 98, 92) }
```

Border

The CSS property to change the border of an element to XYZ 11.6663, 12.2748, 11.8796 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(101, 98, 92) }
```


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

```
.border{ border-color:rgb(101, 98, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 98, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 98, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 98, 92);  
box-shadow:4px 4px 4px 4px rgb(101, 98,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6663, 12.2748, 11.8796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 98, 92) }
```

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

```
.background{ background-color: rgb(101, 98,  
92) }
```

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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