

Converting Colors

XYZ(13.7158, 17.1795, 12.7186)

Have a look what the booklet for
XYZ(13.7158, 17.1795, 12.7186)
contains.

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Color

**XYZ(13.7152, 17.1786,
12.7181)**

Conversions

Conversions Part 1

Format	Color
Hex	607A5C
RGB	96, 122, 92
RGB Percent	38%, 48%, 36%
CMY	0.6235, 0.5216, 0.6392
CMYK	0.21, 0.00, 0.25, 0.52
HSL	112°, 14%, 42%
HSV	112°, 25%, 48%
XYZ	13.7152, 17.1786, 12.7181
YIQ	110.8060, -5.8660, -14.8420

Conversions

Conversions Part 2

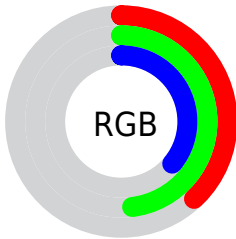
Format	Color
R_{YB}	92, 122, 118
Decimal	6322780
CIE _{Lab}	48.48, -15.69, 13.41
CIE _{LCh}	48, 20.646, 139.477
Yxy	17.1786, 0.3145, 0.3939
Android (android.graphics.Color)	4284512860 (0xFF607A5C)
YUV	110.8060, -9.2714, -12.9849
Hunter-Lab	41.4471, -13.4652, 10.8197

Details

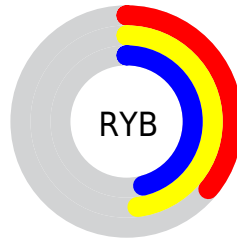
The XYZ color **13.7152, 17.1786, 12.7181** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.8119, 12.9114, 20.1248**, and the grayscale version is **15.0808, 15.8662, 17.2783**.

A 20% lighter version of the original color is **32.2451, 38.8160, 31.3839**, and **4.1423, 5.6153, 3.4503** is the 20% darker color. If you saturate the color by 10%, you get **12.1857, 16.4474, 10.0833**, and if you desaturate by 10%, it is **15.4812, 18.0228, 15.8132**.

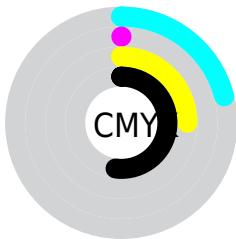
Distribution



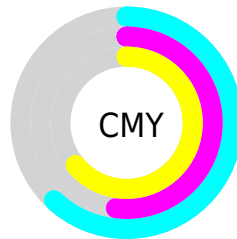
- Red (38%)
- Green (48%)
- Blue (36%)



- Red (36%)
- Yellow (48%)
- Blue (46%)



- Cyan (21%)
- Magenta (0%)
- Yellow (25%)
- Black (52%)



- Cyan (62%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7152, 17.1786, 12.7181 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 13.7152, 17.1786, 12.7181 by changing the saturation by 10% instead.

■ 13.7152, 17.1786,
12.7181

■ 13.7152, 17.1786,
12.7181

208.9981,
236.1995, 220.2470

■ 8.0032, 10.3619,
7.1063

■ 32.1733, 38.6326,
31.4801

■ 4.1488, 5.6396,
3.4492

■ 45.6502, 54.0387,
45.4674

■ 1.7867, 2.6272,
1.3283

■ 62.4461, 73.0767,
63.0836

■ 0.5096, 0.9403,
0.0848

■ 82.9263, 96.1311,
84.7472

■ 0.0000, 0.0000,
0.0000

107.4563,
123.5861, 110.8769

136.4013,

155.8263, 141.8910

170.1268,
193.2359, 178.2082

■ 13.7152, 17.1786,
12.7181

■ 13.7152, 17.1786,
12.7181

■ 12.1857, 16.4474,
10.0833

■ 15.4812, 18.0228,
15.8132

■ 10.8813, 15.8222,
7.8856

■ 17.4917, 18.9823,
19.3877

■ 9.7917, 15.2988,
6.1018

■ 19.7562, 20.0618,
23.4614

■ 8.9052, 14.8718,
4.7060

■ 22.2831, 21.2655,
28.0524

■ 8.2090, 14.5351,
3.6692

■ 25.0805, 22.5970,
33.1778

■ 7.6889, 14.2822,
2.9586

■ 28.1560, 24.0601,
38.8542

■ 7.3266, 14.1046,
2.5258

■ 31.5171, 25.6581,
45.0972

■ 7.1781, 14.0323,
2.3302

■ 35.1710, 27.3945,
51.9221

■ 39.1245, 29.2724,
59.3433

Harmonies

Analogous

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



15.1444, 17.1786, 10.5002



13.7152, 17.1786, 12.7181



13.0054, 17.1786, 16.8654

Triad

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



13.7152, 17.1786, 12.7181



15.6723, 17.1786, 30.9339



20.0038, 17.1786, 15.4408

Complementary

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



13.7152, 17.1786, 12.7181



14.8119, 12.9114, 20.1248

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.



20.1726, 17.1786, 20.6728



13.7152, 17.1786, 12.7181



17.5712, 17.1786, 30.3488

Square

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



13.7152, 17.1786, 12.7181



14.0759, 17.1786, 27.7963



19.2526, 17.1786, 26.3249



18.8078, 17.1786, 11.8491

Rectangle

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



13.7152, 17.1786, 12.7181



12.9955, 17.1786, 20.4734



19.2526, 17.1786, 26.3249



20.1859, 17.1786, 17.0407

Sweetspot

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



13.7157, 17.1793, 12.7185



29.8179, 32.9389, 32.4036



16.4370, 17.8680, 12.7080



6.7841, 7.5154, 7.3489



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.7157, 17.1793, 12.7185



22.4303, 29.4097, 19.4383



13.8219, 17.1744, 15.4189



3.9960, 4.4732, 4.2773



7.5524, 14.7706, 2.4530



35.6003, 70.2381, 11.6810

Inverse Universe

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



14.8119, 12.9114, 20.1248



24.7358, 20.4229, 35.0312



14.7230, 12.9400, 16.7612



4.1045, 4.0517, 5.0089



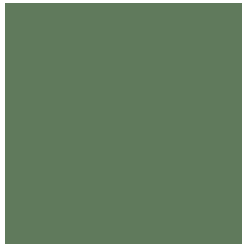
9.9183, 4.6858, 19.7670



46.7932, 22.0848, 94.2663

Previews

White Background



This preview shows how the XYZ color 13.7152, 17.1786, 12.7181 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 13.7152, 17.1786, 12.7181 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 13.7152, 17.1786, 12.7181

Background



This preview shows how black text looks on a background with the XYZ color 13.7152, 17.1786, 12.7181.



This preview shows how white text looks on a background with the XYZ color 13.7152, 17.1786,

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

13.7152, 17.1786, 12.7181

Protanopia

16.1023, 17.1937, 11.9212

Deuteranopia

17.2692, 16.9466, 12.9505



Tritanopia

15.6715, 17.0797, 22.5494

Trichromacy



Original Color

13.7152, 17.1786, 12.7181

Protanomaly

15.1339, 17.2058, 12.1963

Deuteranomaly

15.7388, 16.8180, 12.7726

Tritanomaly

14.8896, 17.1179, 18.4389

Monochromacy



Original Color

13.7152, 17.1786, 12.7181

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.5733, 16.3251, 15.4797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7152, 17.1786, 12.7181 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(96, 122, 92) looks like.

```
.text, #text, p{  
    color:rgb(96, 122, 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(96, 122, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 122, 92) }
```

Border

The CSS property to change the border of an element to XYZ 13.7152, 17.1786, 12.7181 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(96, 122, 92) }
```


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

```
.border{ border-color:rgb(96, 122, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 122, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 122, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 122, 92);  
box-shadow:4px 4px 4px 4px rgb(96, 122,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7152, 17.1786, 12.7181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 122, 92) }
```

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

```
.background{ background-color: rgb(96, 122,  
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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