

Converting Colors

XYZ(13.7404, 17.8168, 12.8623)

Have a look what the booklet for
XYZ(13.7404, 17.8168, 12.8623)
contains.

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Color

**XYZ(13.6790, 17.7152,
12.8236)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7D5C
RGB	92, 125, 92
RGB Percent	36%, 49%, 36%
CMY	0.6392, 0.5098, 0.6392
CMYK	0.26, 0.00, 0.26, 0.51
HSL	120°, 15%, 43%
HSV	120°, 26%, 49%
XYZ	13.6790, 17.7152, 12.8236
YIQ	111.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

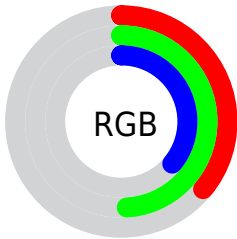
Format	Color
R_{YB}	92, 125, 125
Decimal	6061404
CIE _{Lab}	49.15, -18.79, 14.29
CIE _{LCh}	49, 23.607, 142.744
Yxy	17.7152, 0.3094, 0.4006
Android (android.graphics.Color)	4284251484 (0xFF5C7D5C)
YUV	111.3710, -9.5499, -16.9884
Hunter-Lab	42.0894, -15.6443, 11.3984

Details

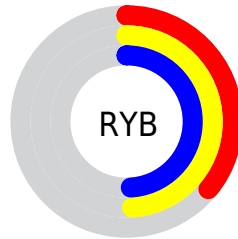
The XYZ color **13.6790, 17.7152, 12.8236** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.9869, 13.4953, 21.1651**, and the grayscale version is **15.2464, 16.0404, 17.4680**.

A 20% lighter version of the original color is **32.1306, 39.6334, 31.5477**, and **4.1598, 5.9240, 3.5090** is the 20% darker color. If you saturate the color by 10%, you get **12.0298, 16.9235, 10.1256**, and if you desaturate by 10%, it is **15.6254, 18.6507, 16.0070**.

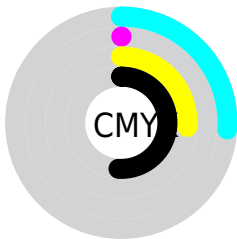
Distribution



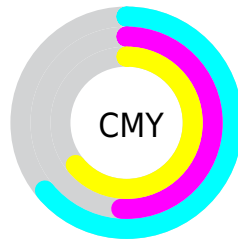
- Red (36%)
- Green (49%)
- Blue (36%)



- Red (36%)
- Yellow (49%)
- Blue (49%)



- Cyan (26%)
- Magenta (0%)
- Yellow (26%)
- Black (51%)



- Cyan (64%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6790, 17.7152, 12.8236 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 13.6790, 17.7152, 12.8236 by changing the saturation by 10% instead.

■ 13.6790, 17.7152,
12.8236

■ 13.6790, 17.7152,
12.8236

208.7755,
239.2608, 220.9520

■ 7.9779, 10.7457,
7.1779

■ 32.1094, 39.5514,
31.6730

■ 4.1325, 5.8961,
3.4935

■ 45.5695, 55.1870,
45.7138

■ 1.7774, 2.7820,
1.3518

■ 62.3466, 74.4800,
63.3901

■ 0.5040, 1.0190,
0.1037

■ 82.8061, 97.8148,
85.1203

■ 0.0000, 0.0000,
0.0000

107.3134,
125.5760, 111.3231

136.2339,

158.1477, 142.4170

169.9327,
195.9146, 178.8204

■ 13.6790, 17.7152,
12.8236

■ 13.6790, 17.7152,
12.8236

■ 12.0298, 16.9235,
10.1256

■ 15.6254, 18.6507,
16.0070

■ 10.6618, 16.2664,
7.8881

■ 17.8812, 19.7343,
19.6967

■ 9.5599, 15.7371,
6.0857

■ 20.4595, 20.9727,
23.9139

■ 8.7067, 15.3273,
4.6901

■ 23.3722, 22.3719,
28.6782

■ 8.0829, 15.0276,
3.6697

■ 26.6308, 23.9371,
34.0082

■ 7.6663, 14.8275,
2.9883

■ 30.2460, 25.6737,
39.9216

■ 7.4149, 14.7068,
2.5771

■ 34.2283, 27.5866,
46.4354

■ 7.3339, 14.6679,
2.4447

■ 38.5876, 29.6806,
53.5657

■ 43.3334, 31.9602,
61.3283

Harmonies

Analogous

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



15.2488, 17.7152, 10.1065



13.6790, 17.7152, 12.8236



12.9669, 17.7152, 17.7933

Triad

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



13.6790, 17.7152, 12.8236



16.3071, 17.7152, 34.0427



21.0654, 17.7152, 14.9588

Complementary

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



13.6790, 17.7152, 12.8236



15.9869, 13.4953, 21.1651

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.



21.4112, 17.7152, 20.8660



13.6790, 17.7152, 12.8236



18.5334, 17.7152, 32.8188

Square

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



13.6790, 17.7152, 12.8236



14.3957, 17.7152, 30.6780



20.4488, 17.7152, 27.6274



19.5415, 17.7152, 11.1380

Rectangle

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



13.6790, 17.7152, 12.8236



13.0263, 17.7152, 22.0979



20.4488, 17.7152, 27.6274



21.3284, 17.7152, 16.7285

Sweetspot

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



13.6795, 17.7160, 12.8240



31.2536, 34.9698, 34.0176



17.7236, 19.8008, 13.0132



6.9856, 7.8950, 7.5358



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.6795, 17.7160, 12.8240



22.5532, 30.7906, 19.7866



14.4812, 18.0366, 17.0459



4.2760, 4.8187, 4.6249



7.6541, 15.3082, 2.5514



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9869, 13.4953, 21.1651



27.4558, 21.8228, 37.5093



15.0186, 13.1080, 16.0663



4.4982, 4.4124, 5.4279



12.6904, 6.0959, 20.7574



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.6790, 17.7152, 12.8236 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 13.6790, 17.7152, 12.8236 looks on a black 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

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

XYZ 13.6790, 17.7152, 12.8236

Background



This preview shows how black text looks on a background with the XYZ color 13.6790, 17.7152, 12.8236.



This preview shows how white text looks on a background with the XYZ color 13.6790, 17.7152,

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

13.6790, 17.7152, 12.8236

Protanopia

16.4643, 17.5553, 11.7533

Deuteranopia

17.8514, 17.5655, 13.2761



Tritanopia

15.8913, 17.6973, 23.6975

Trichromacy



Original Color

13.6790, 17.7152, 12.8236

Protanomaly

15.2100, 17.4256, 12.0130

Deuteranomaly

15.9894, 17.4527, 13.1156

Tritanomaly

14.9358, 17.6668, 19.1458

Monochromacy



Original Color

13.6790, 17.7152, 12.8236

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.4530, 16.4333, 15.5069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6790, 17.7152, 12.8236 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(92, 125, 92)` looks like.

```
.text, #text, p{  
    color:rgb(92, 125, 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(92, 125, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 125, 92) }
```

Border

The CSS property to change the border of an element to XYZ 13.6790, 17.7152, 12.8236 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(92, 125, 92) }
```


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

```
.border{ border-color:rgb(92, 125, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 125, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 125, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 125, 92);  
box-shadow:4px 4px 4px 4px rgb(92, 125,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6790, 17.7152, 12.8236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 125, 92) }
```

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

```
.background{ background-color: rgb(92, 125,  
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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