

Converting Colors

XYZ(13.7332, 17.2956, 13.3101)

Have a look what the booklet for
XYZ(13.7332, 17.2956, 13.3101)
contains.

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Color

**XYZ(13.7194, 17.3538,
13.2162)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7B5E
RGB	94, 123, 94
RGB Percent	37%, 48%, 37%
CMY	0.6314, 0.5176, 0.6314
CMYK	0.24, 0.00, 0.24, 0.52
HSL	120°, 13%, 43%
HSV	120°, 24%, 48%
XYZ	13.7194, 17.3538, 13.2162
YIQ	111.0230, -7.9750, -15.1670

Conversions

Conversions Part 2

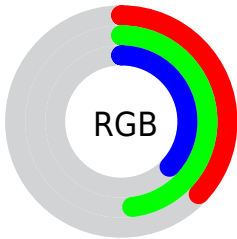
Format	Color
R_{YB}	94, 123, 123
Decimal	6191966
CIE Lab	48.70, -16.61, 12.53
CIE LCh	49, 20.806, 142.966
Yxy	17.3538, 0.3098, 0.3918
Android (android.graphics.Color)	4284382046 (0xFF5E7B5E)
YUV	111.0230, -8.3923, -14.9292
Hunter-Lab	41.6579, -14.1150, 10.3504

Details

The XYZ color **13.7194, 17.3538, 13.2162** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.7468, 13.6467, 20.5437**, and the grayscale version is **15.1417, 15.9303, 17.3481**.

A 20% lighter version of the original color is **32.2364, 39.0840, 32.2305**, and **4.1546, 5.7153, 3.6805** is the 20% darker color. If you saturate the color by 10%, you get **12.0486, 16.5517, 10.4830**, and if you desaturate by 10%, it is **15.6801, 18.2962, 16.4229**.

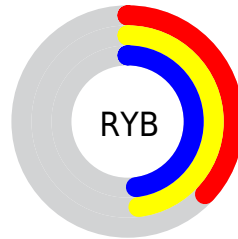
Distribution



Red (37%)

Green (48%)

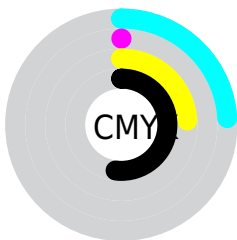
Blue (37%)



Red (37%)

Yellow (48%)

Blue (48%)

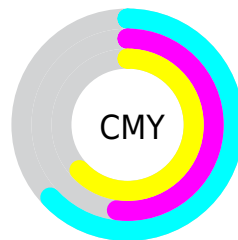


Cyan (24%)

Magenta (0%)

Yellow (24%)

Black (52%)



Cyan (63%)

Magenta (52%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7194, 17.3538, 13.2162 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 13.7194, 17.3538, 13.2162 by changing the saturation by 10% instead.

■ 13.7194, 17.3538,
13.2162

■ 13.7194, 17.3538,
13.2162

209.0239,
237.2031, 223.5549

■ 8.0062, 10.4871,
7.4451

■ 32.1808, 38.9331,
32.3885

■ 4.1507, 5.7231,
3.6594

■ 45.6596, 54.4144,
46.6268

■ 1.7878, 2.6774,
1.4404

■ 62.4576, 73.5361,
64.5246

■ 0.5103, 0.9657,
0.1729

■ 82.9403, 96.6825,
86.5005

■ 0.0000, 0.0000,
0.0000

107.4729,
124.2380, 112.9729

136.4208,

156.5870, 144.3604

170.1493,
194.1139, 181.0816

■ 13.7194, 17.3538,
13.2162

■ 13.7194, 17.3538,
13.2162

■ 12.0486, 16.5517,
10.4830

■ 15.6801, 18.2962,
16.4229

■ 10.6527, 15.8812,
8.1997

■ 17.9422, 19.3828,
20.1229

■ 9.5174, 15.3359,
6.3427

■ 20.5181, 20.6201,
24.3361

■ 8.6265, 14.9080,
4.8855

■ 23.4190, 22.0135,
29.0810

■ 7.9622, 14.5888,
3.7988

■ 26.6559, 23.5684,
34.3753

■ 7.5040, 14.3687,
3.0492

■ 30.2389, 25.2895,
40.2358

■ 7.2255, 14.2350,
2.5937

■ 34.1779, 27.1816,
46.6785

■ 7.0834, 14.1667,
2.3613

■ 38.4824, 29.2493,
53.7191

■ 43.1614, 31.4969,
61.3722

Harmonies

Analogous

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



15.0954, 17.3538, 10.7369



13.7194, 17.3538, 13.2162



13.0951, 17.3538, 17.6300

Triad

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



13.7194, 17.3538, 13.2162



16.0463, 17.3538, 31.4502



20.1320, 17.3538, 15.0631

Complementary

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



13.7194, 17.3538, 13.2162



15.7468, 13.6467, 20.5437

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.



20.4360, 17.3538, 20.2199



13.7194, 17.3538, 13.2162



17.9770, 17.3538, 30.3970

Square

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



13.7194, 17.3538, 13.2162



14.3693, 17.3538, 28.6539



19.6201, 17.3538, 26.0051



18.8191, 17.3538, 11.6499

Rectangle

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



13.7194, 17.3538, 13.2162



13.1520, 17.3538, 21.3681



19.6201, 17.3538, 26.0051



20.3596, 17.3538, 16.6211

Sweetspot

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



13.7199, 17.3545, 13.2166



30.6094, 33.9781, 33.5487



17.2725, 19.1860, 13.3826



7.1670, 7.9822, 7.8326



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.



13.7199, 17.3545, 13.2166



22.9754, 30.3111, 21.0622



14.4330, 17.6398, 16.9718



3.9509, 4.4500, 4.2752



7.3273, 14.6546, 2.4426



34.9519, 69.9038, 11.6509

Inverse Universe

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



15.7468, 13.6467, 20.5437



27.2367, 22.5159, 36.4663



14.9051, 13.3100, 16.1112



4.1545, 4.0775, 5.0112



12.1483, 5.8355, 19.8697



57.9485, 27.8358, 94.7800

Previews

White Background



This preview shows how the XYZ color 13.7194, 17.3538, 13.2162 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 13.7194, 17.3538, 13.2162 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 13.7194, 17.3538, 13.2162

Background



This preview shows how black text looks on a background with the XYZ color 13.7194, 17.3538, 13.2162.



This preview shows how white text looks on a background with the XYZ color 13.7194, 17.3538,

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

13.7194, 17.3538, 13.2162

Protanopia

16.1446, 17.2106, 12.1439

Deuteranopia

17.5150, 17.2185, 13.7096



Tritanopia

15.6302, 17.2247, 22.9230

Trichromacy



Original Color

13.7194, 17.3538, 13.2162

Protanomaly

15.0489, 17.1569, 12.4160

Deuteranomaly

15.8498, 17.0279, 13.5177

Tritanomaly

14.9059, 17.2906, 19.0748

Monochromacy



Original Color

13.7194, 17.3538, 13.2162

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.5062, 16.2846, 15.7433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7194, 17.3538, 13.2162 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(94, 123, 94) looks like.

```
.text, #text, p{  
    color:rgb(94, 123, 94)  
}
```

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(94, 123, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 123, 94) }
```

Border

The CSS property to change the border of an element to XYZ 13.7194, 17.3538, 13.2162 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(94, 123, 94) }
```


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

```
.border{ border-color:rgb(94, 123, 94) }
```

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

Here you see how a box with a 4 pixel rgb(94, 123, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 123, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 123, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 123,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7194, 17.3538, 13.2162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 123, 94) }
```

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

```
.background{ background-color: rgb(94, 123,  
94) }
```

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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