

Converting Colors

XYZ(10.8656, 14.6832, 10.8558)

Have a look what the booklet for
XYZ(10.8656, 14.6832, 10.8558)
contains.

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Color

**XYZ(10.8656, 14.6832,
10.8558)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7455
RGB	76, 116, 85
RGB Percent	30%, 45%, 33%
CMY	0.7020, 0.5451, 0.6667
CMYK	0.34, 0.00, 0.27, 0.55
HSL	133°, 21%, 38%
HSV	133°, 34%, 45%
XYZ	10.8656, 14.6832, 10.8558
YIQ	100.5060, -13.8890, -18.1210

Conversions

Conversions Part 2

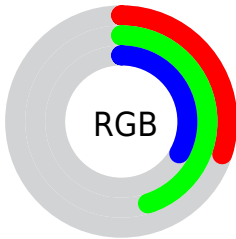
Format	Color
R_{YB}	76, 109, 116
Decimal	5010517
CIE _{Lab}	45.20, -21.12, 12.77
CIE _{LCh}	45, 24.678, 148.829
Yxy	14.6832, 0.2985, 0.4033
Android (android.graphics.Color)	4283200597 (0xFF4C7455)
YUV	100.5060, -7.6445, -21.4918
Hunter-Lab	38.3187, -16.4424, 10.0260

Details

The XYZ color **10.8656, 14.6832, 10.8558** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.4413, 9.9438, 15.1742**, and the grayscale version is **12.2644, 12.9031, 14.0515**.

A 20% lighter version of the original color is **26.9800, 34.1902, 28.0990**, and **2.8969, 4.4287, 2.7096** is the 20% darker color. If you saturate the color by 10%, you get **9.6911, 14.1168, 9.0535**, and if you desaturate by 10%, it is **12.2525, 15.3547, 12.9056**.

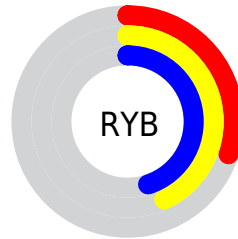
Distribution



Red (30%)

Green (45%)

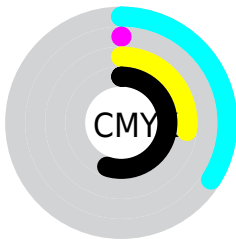
Blue (33%)



Red (30%)

Yellow (43%)

Blue (45%)

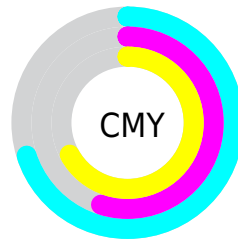


Cyan (34%)

Magenta (0%)

Yellow (27%)

Black (55%)



Cyan (70%)


Magenta (55%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.8656, 14.6832, 10.8558 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 10.8656, 14.6832, 10.8558 by changing the saturation by 10% instead.


 10.8656, 14.6832,
10.8558


 10.8656, 14.6832,
10.8558


190.6705,
221.4406, 207.3774


 6.0432, 8.5974,
5.8570


 27.0465, 34.2965,
28.0258


 2.9122, 4.4795,
2.6909

 39.1357, 48.5926,
41.0340


 1.1075, 1.9452,
0.9389

 54.3779, 66.3944,
57.5492

 0.0314, 0.5754,
0.0000

 73.1384, 88.0861,
77.9898

 0.0000, 0.0000,
0.0000

 95.7825, 114.0522,
102.7743

122.6757,

144.6771, 132.3214

154.1832,
180.3451, 167.0496

■ 10.8656, 14.6832,
10.8558

■ 10.8656, 14.6832,
10.8558

■ 9.6911, 14.1168,
9.0535

■ 12.2525, 15.3547,
12.9056

■ 8.7172, 13.6484,
7.4884

■ 13.8606, 16.1343,
15.2108

■ 7.9326, 13.2727,
6.1508

■ 15.6994, 17.0273,
17.7802

■ 7.3247, 12.9835,
5.0302

■ 17.7776, 18.0379,
20.6216

■ 6.8790, 12.7735,
4.1149

■ 20.1036, 19.1703,
23.7430

■ 6.5739, 12.6319,
3.3922

■ 22.6852, 20.4284,
27.1515

■ 6.4333, 12.5664,
3.0697

■ 25.5299, 21.8159,
30.8544

■ 28.6449, 23.3363,
34.8584

■ 32.0371, 24.9931,
39.1703

Harmonies

Analogous

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



12.1511, 14.6832, 8.0361



10.8656, 14.6832, 10.8558



10.3947, 14.6832, 15.7594

Triad

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



10.8656, 14.6832, 10.8558



13.8761, 14.6832, 30.0301



17.6764, 14.6832, 11.1654

Complementary

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



10.8656, 14.6832, 10.8558



12.4413, 9.9438, 15.1742

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.



18.2498, 14.6832, 16.2178



10.8656, 14.6832, 10.8558



15.9312, 14.6832, 27.9662

Square

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



10.8656, 14.6832, 10.8558



12.0252, 14.6832, 27.6348



17.5828, 14.6832, 22.5250



16.0831, 14.6832, 8.1819

Rectangle

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



10.8656, 14.6832, 10.8558



10.5672, 14.6832, 19.8883



17.5828, 14.6832, 22.5250



18.0012, 14.6832, 12.6334

Sweetspot

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



10.8660, 14.6838, 10.8561



25.6801, 28.9991, 28.5897



13.6541, 16.1598, 9.2371



6.0420, 6.8772, 6.7021



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



10.8660, 14.6838, 10.8561



17.5060, 25.0410, 16.6493



11.7591, 15.0410, 15.5590



3.6713, 4.1105, 4.1028



7.2129, 14.0992, 3.4112



34.8739, 68.5968, 15.1730

Inverse Universe

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



12.4413, 9.9438, 15.1742



20.6982, 15.4265, 25.3926



11.5213, 9.5758, 10.3298



3.7931, 3.7445, 4.4371



10.1420, 4.9905, 11.2219



49.0894, 24.1859, 52.9277

Previews

White Background



This preview shows how the XYZ color 10.8656, 14.6832, 10.8558 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 10.8656, 14.6832, 10.8558 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 10.8656, 14.6832, 10.8558

Background



This preview shows how black text looks on a background with the XYZ color 10.8656, 14.6832, 10.8558.



This preview shows how white text looks on a background with the XYZ color 10.8656, 14.6832,

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

10.8656, 14.6832, 10.8558

Protanopia

13.5787, 14.4796, 9.8637

Deuteranopia

14.6812, 14.4183, 11.2417



Tritanopia

12.6419, 14.5639, 19.9141

Trichromacy



Original Color

10.8656, 14.6832, 10.8558

Protanomaly

12.3545, 14.4704, 10.1246

Deuteranomaly

12.9219, 14.2677, 11.0897

Tritanomaly

11.8672, 14.5773, 16.0981

Monochromacy



Original Color

10.8656, 14.6832, 10.8558

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.6332, 13.4096, 12.8016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8656, 14.6832, 10.8558 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(76, 116, 85)` looks like.

```
.text, #text, p{  
    color:rgb(76, 116, 85)  
}
```

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(76, 116, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 116, 85) }
```

Border

The CSS property to change the border of an element to XYZ 10.8656, 14.6832, 10.8558 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(76, 116, 85) }
```


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

```
.border{ border-color:rgb(76, 116, 85) }
```

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

Here you see how a box with a 4 pixel rgb(76, 116, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 116, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 116, 85);  
box-shadow:4px 4px 4px 4px rgb(76, 116,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8656, 14.6832, 10.8558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 116, 85) }
```

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

```
.background{ background-color: rgb(76, 116,  
85) }
```

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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