

Converting Colors

XYZ(10.6272, 13.5169, 10.3738)

Have a look what the booklet for
XYZ(10.6272, 13.5169, 10.3738)
contains.

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Color

**XYZ(10.6558, 13.5858,
10.4482)**

Conversions

Conversions Part 1

Format	Color
Hex	526E54
RGB	82, 110, 84
RGB Percent	32%, 43%, 33%
CMY	0.6784, 0.5686, 0.6706
CMYK	0.25, 0.00, 0.24, 0.57
HSL	124°, 15%, 38%
HSV	124°, 25%, 43%
XYZ	10.6558, 13.5858, 10.4482
YIQ	98.6640, -8.3420, -14.0220

Conversions

Conversions Part 2

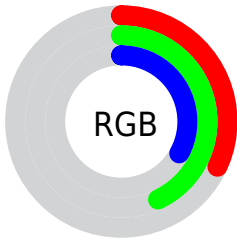
Format	Color
RYB	82, 108, 110
Decimal	5402196
CIELab	43.63, -15.94, 11.25
CIELCh	44, 19.515, 144.791
Yxy	13.5858, 0.3072, 0.3916
Android (android.graphics.Color)	4283592276 (0xFF526E54)
YUV	98.6640, -7.2294, -14.6143
Hunter-Lab	36.8589, -12.8993, 8.9946

Details

The XYZ color **10.6558, 13.5858, 10.4482** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.1549, 10.4325, 15.5609**, and the grayscale version is **11.7946, 12.4088, 13.5132**.

A 20% lighter version of the original color is **26.7391, 32.4674, 27.4118**, and **2.8164, 3.9668, 2.5367** is the 20% darker color. If you saturate the color by 10%, you get **9.4036, 12.9836, 8.4514**, and if you desaturate by 10%, it is **12.1205, 14.2916, 12.7601**.

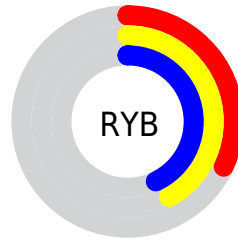
Distribution



Red (32%)

Green (43%)

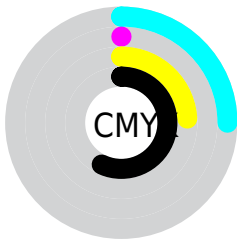
Blue (33%)



Red (32%)

Yellow (42%)

Blue (43%)

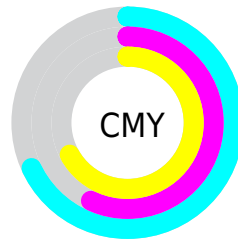


Cyan (25%)

Magenta (0%)

Yellow (24%)

Black (57%)



Cyan (68%)

Magenta (57%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6558, 13.5858, 10.4482 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 10.6558, 13.5858, 10.4482 by changing the saturation by 10% instead.

■ 10.6558, 13.5858,
10.4482

■ 10.6558, 13.5858,
10.4482

189.2481,
214.6386, 204.4414

■ 5.9015, 7.8332,
5.5877

■ 26.6605, 32.3523,
27.2561

■ 2.8253, 3.9884,
2.5313

■ 38.6416, 46.1349,
40.0405

■ 1.0621, 1.6671,
0.8567

■ 53.7624, 63.3629,
56.3032

■ 0.0000, 0.4022,
0.0000

■ 72.3881, 84.4208,
76.4629

■ 0.0000, 0.0000,
0.0000

■ 94.8842, 109.6929,
100.9380

121.6160,

139.5637, 130.1471

152.9489,
174.4174, 164.5087

■ 10.6558, 13.5858,
10.4482

■ 10.6558, 13.5858,
10.4482

■ 9.4036, 12.9836,
8.4514

■ 12.1205, 14.2916,
12.7601

■ 8.3530, 12.4784,
6.7553

■ 13.8058, 15.1037,
15.3990

■ 7.4937, 12.0657,
5.3455

■ 15.7206, 16.0269,
18.3773

■ 6.8142, 11.7400,
4.2063

■ 17.8731, 17.0652,
21.7063

■ 6.3017, 11.4948,
3.3203

■ 20.2712, 18.2222,
25.3971

■ 5.9417, 11.3233,
2.6682

■ 22.9222, 19.5017,
29.4600

■ 5.7082, 11.2125,
2.2275

■ 25.8332, 20.9070,
33.9051

■ 5.6193, 11.1697,
2.0855

■ 29.0110, 22.4414,
38.7419

■ 32.4623, 24.1082,
43.9798

Harmonies

Analogous

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



11.7185, 13.5858, 8.3876



10.6558, 13.5858, 10.4482



10.1998, 13.5858, 14.0410

Triad

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



10.6558, 13.5858, 10.4482



12.6477, 13.5858, 24.8666



15.7713, 13.5858, 11.5343

Complementary

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



10.6558, 13.5858, 10.4482



12.1549, 10.4325, 15.5609

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.



16.0689, 13.5858, 15.5706



10.6558, 13.5858, 10.4482



14.1858, 13.5858, 23.8330

Square

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



10.6558, 13.5858, 10.4482



11.2903, 13.5858, 22.7974



15.4681, 13.5858, 20.2000



14.6840, 13.5858, 8.9225

Rectangle

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



10.6558, 13.5858, 10.4482



10.2728, 13.5858, 17.0489



15.4681, 13.5858, 20.2000



15.9704, 13.5858, 12.7447

Sweetspot

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



10.6562, 13.5864, 10.4485



23.3889, 26.1115, 25.7062



13.3001, 14.9583, 10.1689



5.3576, 6.0352, 5.8487



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.6562, 13.5864, 10.4485



17.2702, 23.1646, 16.0522



11.2543, 13.8256, 13.5981



3.3538, 3.7667, 3.6697



6.7454, 13.4157, 2.4799



33.4744, 66.7784, 11.6837

Inverse Universe

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



12.1549, 10.4325, 15.5609



20.4176, 16.5398, 26.7871



11.4744, 10.1603, 11.9777



3.5046, 3.4496, 4.1840



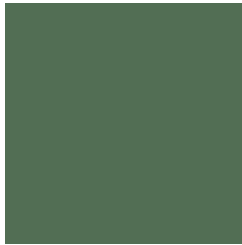
10.6100, 5.1364, 15.5538



52.7187, 25.5328, 76.7737

Previews

White Background



This preview shows how the XYZ color 10.6558, 13.5858, 10.4482 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 10.6558, 13.5858, 10.4482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

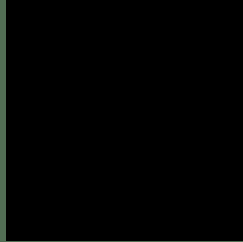
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.6558, 13.5858, 10.4482

Background



This preview shows how black text looks on a background with the XYZ color 10.6558, 13.5858, 10.4482.



This preview shows how white text looks on a background with the XYZ color 10.6558, 13.5858,

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

10.6558, 13.5858, 10.4482

Protanopia

12.6421, 13.5458, 9.7329

Deuteranopia

13.7493, 13.5175, 10.6886



Tritanopia

12.1218, 13.5492, 17.8960

Trichromacy



Original Color

10.6558, 13.5858, 10.4482

Protanomaly

11.8226, 13.5699, 9.9788

Deuteranomaly

12.4338, 13.4205, 10.5294

Tritanomaly

11.4522, 13.4260, 14.8198

Monochromacy



Original Color

10.6558, 13.5858, 10.4482

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.3848, 12.8358, 12.4672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6558, 13.5858, 10.4482 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(82, 110, 84)` looks like.

```
.text, #text, p{  
    color:rgb(82, 110, 84)  
}
```

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(82, 110, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 110, 84) }
```

Border

The CSS property to change the border of an element to XYZ 10.6558, 13.5858, 10.4482 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(82, 110, 84) }
```


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

```
.border{ border-color:rgb(82, 110, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 110, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 110, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 110, 84);  
box-shadow:4px 4px 4px 4px rgb(82, 110,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6558, 13.5858, 10.4482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 110, 84) }
```

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

```
.background{ background-color: rgb(82, 110,  
84) }
```

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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