

Converting Colors

XYZ(11.0838, 13.5066, 11.4684)

Have a look what the booklet for
XYZ(11.0838, 13.5066, 11.4684)
contains.

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Color

**XYZ(11.0962, 13.4726,
11.4668)**

Conversions

Conversions Part 1

Format	Color
Hex	576C59
RGB	87, 108, 89
RGB Percent	34%, 42%, 35%
CMY	0.6588, 0.5765, 0.6510
CMYK	0.19, 0.00, 0.18, 0.58
HSL	126°, 11%, 38%
HSV	126°, 19%, 42%
XYZ	11.0962, 13.4726, 11.4668
YIQ	99.5550, -6.4170, -10.3610

Conversions

Conversions Part 2

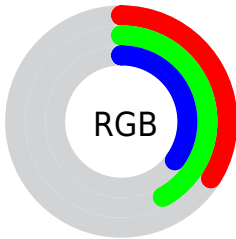
Format	Color
R_{YB}	87, 106, 108
Decimal	5729369
CIE Lab	43.47, -11.95, 8.08
CIE LCh	43, 14.428, 145.935
Yxy	13.4726, 0.3079, 0.3739
Android (android.graphics.Color)	4283919449 (0xFF576C59)
YUV	99.5550, -5.2036, -11.0107
Hunter-Lab	36.7050, -10.2720, 7.1711

Details

The XYZ color **11.0962, 13.4726, 11.4668** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.1945, 11.0455, 15.1256**, and the grayscale version is **12.0142, 12.6399, 13.7648**.

A 20% lighter version of the original color is **27.3749, 31.9787, 29.1558**, and **3.0192, 3.9833, 2.8952** is the 20% darker color. If you saturate the color by 10%, you get **9.7789, 12.8382, 9.4035**, and if you desaturate by 10%, it is **12.6196, 14.2077, 13.8247**.

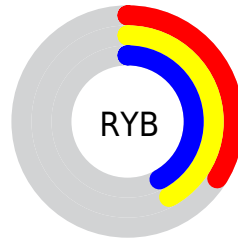
Distribution



Red (34%)

Green (42%)

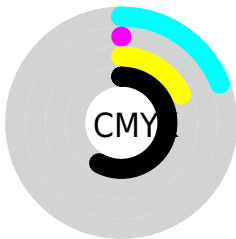
Blue (35%)



Red (34%)

Yellow (42%)

Blue (42%)

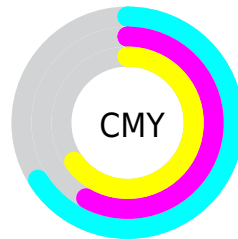


Cyan (19%)

Magenta (0%)

Yellow (18%)

Black (58%)



Cyan (66%)

Magenta (58%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0962, 13.4726, 11.4668 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 11.0962, 13.4726, 11.4668 by changing the saturation by 10% instead.

■ 11.0962, 13.4726,
11.4668

■ 11.0962, 13.4726,
11.4668

192.2210,
213.9247, 211.6938

■ 6.1993, 7.7548,
6.2636

■ 27.4693, 32.1503,
29.1699

■ 3.0085, 3.9384,
2.9347

■ 39.6762, 45.8789,
42.5069

■ 1.1582, 1.6392,
1.0614

■ 55.0506, 63.0466,
59.3923

■ 0.0730, 0.3838,
0.0000

■ 73.9577, 84.0377,
80.2447

■ 0.0000, 0.0000,
0.0000

■ 96.7630, 109.2367,
105.4824

123.8317,

139.0279, 135.5241

155.5293,
173.7958, 170.7884

■ 11.0962, 13.4726,
11.4668

■ 11.0962, 13.4726,
11.4668

■ 9.7789, 12.8382,
9.4035

■ 12.6196, 14.2077,
13.8247

■ 8.6578, 12.2985,
7.6225

■ 14.3564, 15.0459,
16.4872

■ 7.7239, 11.8495,
6.1116

■ 16.3146, 15.9916,
19.4649

■ 6.9668, 11.4862,
4.8578

■ 18.5018, 17.0482,
22.7678

■ 6.3754, 11.2031,
3.8466

■ 20.9249, 18.2194,
26.4052

■ 5.9372, 10.9941,
3.0624

■ 23.5908, 19.5084,
30.3862

■ 5.6378, 10.8522,
2.4877

■ 26.5060, 20.9183,
34.7195

■ 5.4297, 10.7532,
2.1008

■ 29.6768, 22.4523,
39.4134

■ 5.4192, 10.7482,
2.0843

■ 33.1090, 24.1132,
44.4761

Harmonies

Analogous

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



11.8827, 13.4726, 9.7752



11.0962, 13.4726, 11.4668



10.7672, 13.4726, 14.2348

Triad

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



11.0962, 13.4726, 11.4668



12.6526, 13.4726, 21.7544



14.8500, 13.4726, 12.1241

Complementary

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



11.0962, 13.4726, 11.4668



12.1945, 11.0455, 15.1256

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.



15.0856, 13.4726, 15.1127



11.0962, 13.4726, 11.4668



13.7745, 13.4726, 20.9731

Square

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



11.0962, 13.4726, 11.4668



11.6319, 13.4726, 20.4209



14.6815, 13.4726, 18.4188



14.0551, 13.4726, 10.1139

Rectangle

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



11.0962, 13.4726, 11.4668



10.8365, 13.4726, 16.4362



14.6815, 13.4726, 18.4188



14.9992, 13.4726, 13.0339

Sweetspot

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



11.0966, 13.4732, 11.4671



23.1131, 25.4050, 25.7443



13.0570, 14.4934, 11.1263



5.5622, 6.1336, 6.1818



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.



11.0966, 13.4732, 11.4671



18.4709, 23.1661, 18.5555



11.5575, 13.6576, 13.8946



3.0746, 3.4490, 3.3769



6.4577, 12.8172, 2.4554



32.7497, 65.2470, 11.6950

Inverse Universe

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



12.1945, 11.0455, 15.1256



20.7473, 18.1320, 26.1403



11.6928, 10.8448, 12.4834



3.2057, 3.1592, 3.8138



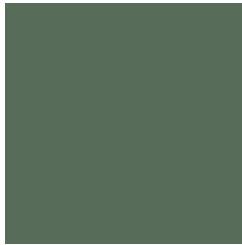
9.9847, 4.8460, 14.0801



50.7026, 24.6230, 70.8278

Previews

White Background



This preview shows how the XYZ color 11.0962, 13.4726, 11.4668 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 11.0962, 13.4726, 11.4668 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 11.0962, 13.4726, 11.4668

Background



This preview shows how black text looks on a background with the XYZ color 11.0962, 13.4726, 11.4668.

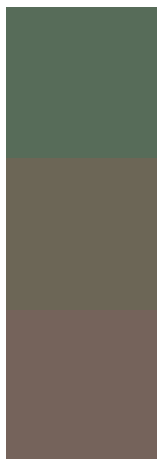


This preview shows how white text looks on a background with the XYZ color 11.0962, 13.4726,

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

11.0962, 13.4726, 11.4668

Protanopia

12.6154, 13.3628, 10.7185

Deuteranopia

13.6863, 13.4609, 11.7744



Tritanopia

12.3466, 13.5196, 17.5816

Trichromacy



Original Color

11.0962, 13.4726, 11.4668

Protanomaly

11.9261, 13.2981, 10.9550

Deuteranomaly

12.5407, 13.3051, 11.5800

Tritanomaly

11.8692, 13.4812, 15.0733

Monochromacy



Original Color

11.0962, 13.4726, 11.4668

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.6809, 12.9779, 12.9557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0962, 13.4726, 11.4668 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(87, 108, 89)` looks like.

```
.text, #text, p{  
    color:rgb(87, 108, 89)  
}
```

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(87, 108, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 108, 89) }
```

Border

The CSS property to change the border of an element to XYZ 11.0962, 13.4726, 11.4668 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(87, 108, 89) }
```


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

```
.border{ border-color:rgb(87, 108, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 108, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 108, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 108, 89);  
box-shadow:4px 4px 4px 4px rgb(87, 108,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0962, 13.4726, 11.4668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 108, 89) }
```

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

```
.background{ background-color: rgb(87, 108,  
89) }
```

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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