

Converting Colors

XYZ(11.4357, 13.6675, 13.6930)

Have a look what the booklet for
XYZ(11.4357, 13.6675, 13.6930)
contains.

XYZ(11.4049, 13.5854, 13.5764)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.4049, 13.5854,
13.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	566C62
RGB	86, 108, 98
RGB Percent	34%, 42%, 38%
CMY	0.6627, 0.5765, 0.6157
CMYK	0.20, 0.00, 0.09, 0.58
HSL	153°, 11%, 38%
HSV	153°, 20%, 42%
XYZ	11.4049, 13.5854, 13.5764
YIQ	100.2820, -9.9020, -7.7740

Conversions

Conversions Part 2

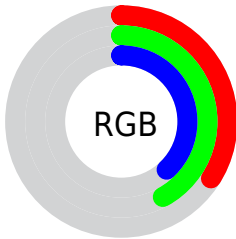
Format	Color
R_{YB}	86, 100, 108
Decimal	5663842
CIE _{Lab}	43.63, -10.42, 2.90
CIE _{LCh}	44, 10.816, 164.459
Yxy	13.5854, 0.2957, 0.3523
Android (android.graphics.Color)	4283853922 (0xFF566C62)
YUV	100.2820, -1.1250, -12.5253
Hunter-Lab	36.8584, -9.2698, 3.9620

Details

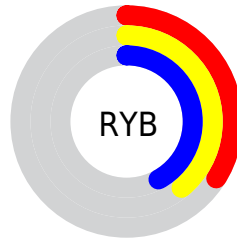
The XYZ color **11.4049, 13.5854, 13.5764** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6239, 10.6886, 12.5173**, and the grayscale version is **12.1900, 12.8249, 13.9663**.

A 20% lighter version of the original color is **27.9763, 32.2004, 33.1746**, and **3.1636, 4.0365, 3.8612** is the 20% darker color. If you saturate the color by 10%, you get **10.2600, 13.0215, 12.3498**, and if you desaturate by 10%, it is **12.7151, 14.2336, 14.8856**.

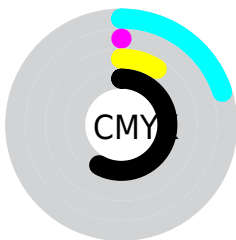
Distribution



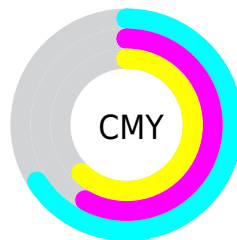
- Red (34%)
- Green (42%)
- Blue (38%)



- Red (34%)
- Yellow (39%)
- Blue (42%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (58%)



- Cyan (66%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4049, 13.5854, 13.5764 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 11.4049, 13.5854, 13.5764 by changing the saturation by 10% instead.

■ 11.4049, 13.5854,
13.5764

■ 11.4049, 13.5854,
13.5764

194.2762,
214.6361, 225.9155

■ 6.4092, 7.8329,
7.6913

■ 28.0329, 32.3516,
33.0417

■ 3.1384, 3.9882,
3.8131

■ 40.3958, 46.1340,
47.4590

■ 1.2274, 1.6670,
1.5234

■ 55.9452, 63.3618,
65.5574

■ 0.1278, 0.4021,
0.2353

■ 75.0464, 84.4195,
87.7555

■ 0.0000, 0.0000,
0.0000

■ 98.0647, 109.6913,
114.4719

125.3656,

139.5618, 146.1249

157.3143,
174.4152, 183.1333

■ 11.4049, 13.5854,
13.5764

■ 11.4049, 13.5854,
13.5764

■ 10.2600, 13.0215,
12.3498

■ 12.7151, 14.2336,
14.8856

■ 9.2723, 12.5367,
11.2031

■ 14.1960, 14.9677,
16.2780

■ 8.4346, 12.1276,
10.1351

■ 15.8541, 15.7915,
17.7556

■ 7.7389, 11.7902,
9.1439

■ 17.6954, 16.7080,
19.3197

■ 7.1761, 11.5198,
8.2276

■ 19.7253, 17.7200,
20.9719

■ 6.7364, 11.3113,
7.3844

■ 21.9494, 18.8303,
22.7135

■ 6.4080, 11.1588,
6.6121

■ 24.3726, 20.0415,
24.5459

■ 6.1498, 11.0404,
5.9318

■ 26.9999, 21.3561,
26.4706

■ 29.8361, 22.7765,
28.4888

Harmonies

Analogous

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



11.8042, 13.5854, 11.7042



11.4049, 13.5854, 13.5764



11.3976, 13.5854, 15.9887

Triad

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



11.4049, 13.5854, 13.5764



13.3238, 13.5854, 19.7886



14.1112, 13.5854, 11.7575

Complementary

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



11.4049, 13.5854, 13.5764



11.6239, 10.6886, 12.5173

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.



14.5561, 13.5854, 13.6569



11.4049, 13.5854, 13.5764



14.0882, 13.5854, 18.3806

Square

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



11.4049, 13.5854, 13.5764



12.4807, 13.5854, 19.7610



14.5475, 13.5854, 16.0785



13.3542, 13.5854, 10.7351

Rectangle

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



11.4049, 13.5854, 13.5764



11.6146, 13.5854, 17.5939



14.5475, 13.5854, 16.0785



14.3037, 13.5854, 12.3049

Sweetspot

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



11.4053, 13.5860, 13.5767



23.3788, 25.5112, 27.1431



11.8947, 13.8989, 10.8601



5.6309, 6.1611, 6.5435



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.



11.4053, 13.5860, 13.5767



19.1273, 23.4091, 22.8952



11.8305, 13.6328, 16.1959



3.1266, 3.4698, 3.6503



7.3211, 13.1625, 7.0019



36.8614, 66.8917, 33.3469

Inverse Universe

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



11.6239, 10.6886, 12.5173



19.5786, 17.4297, 20.7094



11.2511, 10.6336, 10.2637



3.1516, 3.1375, 3.5288



8.0266, 4.0627, 3.7684



40.4713, 20.5304, 16.9502

Previews

White Background



This preview shows how the XYZ color 11.4049, 13.5854, 13.5764 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 11.4049, 13.5854, 13.5764 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 11.4049, 13.5854, 13.5764

Background



This preview shows how black text looks on a background with the XYZ color 11.4049, 13.5854, 13.5764.



This preview shows how white text looks on a background with the XYZ color 11.4049, 13.5854,

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

11.4049, 13.5854, 13.5764

Protanopia

12.8803, 13.4548, 12.7446

Deuteranopia

13.7015, 13.4212, 13.9250



Tritanopia

12.3111, 13.6468, 17.9048

Trichromacy



Original Color

11.4049, 13.5854, 13.5764

Protanomaly

12.2072, 13.3978, 13.0090

Deuteranomaly

12.7124, 13.3467, 13.7105

Tritanomaly

11.9890, 13.6728, 16.1946

Monochromacy



Original Color

11.4049, 13.5854, 13.5764

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.8217, 13.0342, 13.6972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4049, 13.5854, 13.5764 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(86, 108, 98) looks like.

```
.text, #text, p{  
    color:rgb(86, 108, 98)  
}
```

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(86, 108, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 108, 98) }
```

Border

The CSS property to change the border of an element to XYZ 11.4049, 13.5854, 13.5764 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(86, 108, 98) }
```


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

```
.border{ border-color:rgb(86, 108, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 108, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 108, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 108, 98);  
box-shadow:4px 4px 4px 4px rgb(86, 108,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4049, 13.5854, 13.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 108, 98) }
```

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

```
.background{ background-color: rgb(86, 108,  
98) }
```

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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