

Converting Colors

XYZ(11.6486, 13.7593, 13.2733)

Have a look what the booklet for
XYZ(11.6486, 13.7593, 13.2733)
contains.

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Color

**XYZ(11.6401, 13.7120,
13.3425)**

Conversions

Conversions Part 1

Format	Color
Hex	596C61
RGB	89, 108, 97
RGB Percent	35%, 42%, 38%
CMY	0.6510, 0.5765, 0.6196
CMYK	0.18, 0.00, 0.10, 0.58
HSL	145°, 10%, 39%
HSV	145°, 18%, 42%
XYZ	11.6401, 13.7120, 13.3425
YIQ	101.0650, -7.7930, -7.4490

Conversions

Conversions Part 2

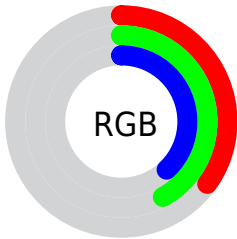
Format	Color
R_{YB}	89, 102, 108
Decimal	5860449
CIE Lab	43.82, -9.53, 3.79
CIE LCh	44, 10.259, 158.301
Yxy	13.7120, 0.3008, 0.3544
Android (android.graphics.Color)	4284050529 (0xFF596C61)
YUV	101.0650, -2.0040, -10.5810
Hunter-Lab	37.0297, -8.6915, 4.5575

Details

The XYZ color **11.6401, 13.7120, 13.3425** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.0575, 11.2535, 13.5939**, and the grayscale version is **12.3932, 13.0386, 14.1990**.

A 20% lighter version of the original color is **28.3909, 32.4234, 32.7789**, and **3.2625, 4.0901, 3.7495** is the 20% darker color. If you saturate the color by 10%, you get **10.3987, 13.1048, 11.8220**, and if you desaturate by 10%, it is **13.0574, 14.4080, 14.9918**.

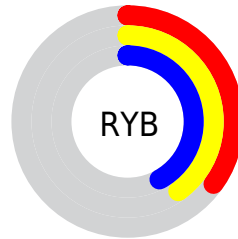
Distribution



 Red (35%)

 Green (42%)

 Blue (38%)




 Red (35%)

 Yellow (40%)

 Blue (42%)

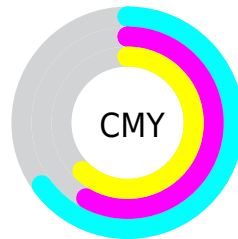



 Cyan (18%)


 Magenta (0%)

 Yellow (10%)

 Black (58%)



 Cyan (65%)

 Magenta (58%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6401, 13.7120, 13.3425 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 11.6401, 13.7120, 13.3425 by changing the saturation by 10% instead.

■ 11.6401, 13.7120,
13.3425

■ 11.6401, 13.7120,
13.3425

195.8268,
215.4317, 224.3856

■ 6.5696, 7.9206,
7.5313

■ 28.4605, 32.5771,
32.6179

■ 3.2383, 4.0442,
3.7131

■ 40.9410, 46.4197,
46.9192

■ 1.2810, 1.6983,
1.4693

■ 56.6223, 63.7148,
64.8876

■ 0.1689, 0.4226,
0.1949

■ 75.8696, 84.8468,
86.9417

■ 0.0000, 0.0000,
0.0000

■ 99.0484, 110.2001,
113.5000

126.5240,

140.1591, 144.9811

158.6617,
175.1081, 181.8034

■ 11.6401, 13.7120,
13.3425

■ 11.6401, 13.7120,
13.3425

■ 10.3987, 13.1048,
11.8220

■ 13.0574, 14.4080,
14.9918

■ 9.3248, 12.5810,
10.4264

■ 14.6561, 15.1944,
16.7720

■ 8.4113, 12.1373,
9.1526

■ 16.4429, 16.0750,
18.6862

■ 7.6499, 11.7695,
7.9975

■ 18.4239, 17.0529,
20.7373

■ 7.0315, 11.4731,
6.9574

■ 20.6048, 18.1310,
22.9279

■ 6.5462, 11.2430,
6.0286

■ 22.9912, 19.3120,
25.2607

■ 6.1826, 11.0734,
5.2074

■ 25.5882, 20.5987,
27.7382

■ 5.9079, 10.9474,
4.4884

■ 28.4012, 21.9937,
30.3629

■ 5.8455, 10.9187,
4.3298

■ 31.4348, 23.4993,
33.1372

Harmonies

Analogous

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



12.0922, 13.7120, 11.6993



11.6401, 13.7120, 13.3425



11.5532, 13.7120, 15.5826

Triad

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



11.6401, 13.7120, 13.3425



13.2587, 13.7120, 19.7872



14.2923, 13.7120, 12.3352

Complementary

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



11.6401, 13.7120, 13.3425



12.0575, 11.2535, 13.5939

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.



14.6337, 13.7120, 14.2960



11.6401, 13.7120, 13.3425



14.0211, 13.7120, 18.7067

Square

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



11.6401, 13.7120, 13.3425



12.4660, 13.7120, 19.4644



14.5325, 13.7120, 16.6388



13.6166, 13.7120, 11.1610

Rectangle

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



11.6401, 13.7120, 13.3425



11.7105, 13.7120, 17.1436



14.5325, 13.7120, 16.6388



14.4512, 13.7120, 12.9157

Sweetspot

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



11.6405, 13.7126, 13.3428



23.5825, 25.6182, 27.0652



12.4310, 14.1610, 11.5297



5.6731, 6.1836, 6.5117



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.



11.6405, 13.7126, 13.3428



19.5323, 23.6307, 22.3355



12.1061, 13.8988, 15.7948



3.1119, 3.4640, 3.5733



6.9588, 13.0176, 5.0944



35.0434, 66.1644, 23.7730

Inverse Universe

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



12.0575, 11.2535, 13.5939



20.4062, 18.4765, 22.8612



11.6276, 11.0815, 11.3300



3.1663, 3.1434, 3.6061



8.4173, 4.2190, 5.8260



42.4491, 21.3216, 27.3653

Previews

White Background



This preview shows how the XYZ color 11.6401, 13.7120, 13.3425 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 11.6401, 13.7120, 13.3425 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 11.6401, 13.7120, 13.3425

Background



This preview shows how black text looks on a background with the XYZ color 11.6401, 13.7120, 13.3425.



This preview shows how white text looks on a background with the XYZ color 11.6401, 13.7120,

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

11.6401, 13.7120, 13.3425

Protanopia

12.9340, 13.6344, 12.5397

Deuteranopia

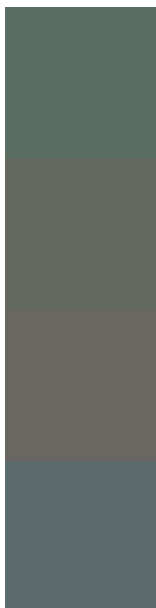
13.8795, 13.6600, 13.7095



Tritanopia

12.6049, 13.7983, 17.9186

Trichromacy



Original Color

11.6401, 13.7120, 13.3425

Protanomaly

12.3727, 13.6387, 12.8069

Deuteranomaly

12.9987, 13.6465, 13.5042

Tritanomaly

12.2789, 13.8222, 16.2082

Monochromacy



Original Color

11.6401, 13.7120, 13.3425

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.1803, 13.3621, 13.9938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6401, 13.7120, 13.3425 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(89, 108, 97) looks like.

```
.text, #text, p{  
    color:rgb(89, 108, 97)  
}
```

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(89, 108, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 108, 97) }
```

Border

The CSS property to change the border of an element to XYZ 11.6401, 13.7120, 13.3425 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(89, 108, 97) }
```


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

```
.border{ border-color:rgb(89, 108, 97) }
```

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

Here you see how a box with a 4 pixel rgb(89, 108, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 108, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 108, 97);  
box-shadow:4px 4px 4px 4px rgb(89, 108,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6401, 13.7120, 13.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 108, 97) }
```

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

```
.background{ background-color: rgb(89, 108,  
97) }
```

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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