

Converting Colors

XYZ(11.6237, 13.6709, 16.3335)

Have a look what the booklet for
XYZ(11.6237, 13.6709, 16.3335)
contains.

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Color

**XYZ(11.5490, 13.6017,
16.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	526C6C
RGB	82, 108, 108
RGB Percent	32%, 42%, 42%
CMY	0.6784, 0.5765, 0.5765
CMYK	0.24, 0.00, 0.00, 0.58
HSL	180°, 14%, 37%
HSV	180°, 24%, 42%
XYZ	11.5490, 13.6017, 16.2040
YIQ	100.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

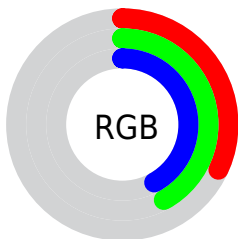
Format	Color
RYB	82, 95, 108
Decimal	5401708
CIELab	43.66, -9.49, -3.13
CIElCh	44, 9.992, 198.261
Yxy	13.6017, 0.2793, 0.3289
Android (android.graphics.Color)	4283591788 (0xFF526C6C)
YUV	100.2260, 3.8326, -15.9842
Hunter-Lab	36.8805, -8.6442, -0.2336

Details

The XYZ color **11.5490, 13.6017, 16.2040** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.7251, 9.8323, 9.3158**, and the grayscale version is **12.1645, 12.7980, 13.9370**.

A 20% lighter version of the original color is **28.1719, 32.2050, 37.5323**, and **3.2386, 4.0495, 5.0258** is the 20% darker color. If you saturate the color by 10%, you get **10.6829, 13.1556, 16.1635**, and if you desaturate by 10%, it is **12.5638, 14.1252, 16.2520**.

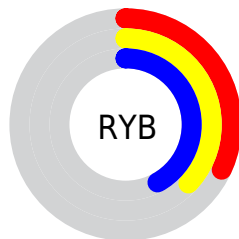
Distribution



Red (32%)

Green (42%)

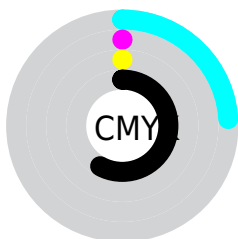
Blue (42%)



Red (32%)

Yellow (37%)

Blue (42%)

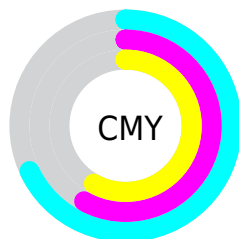


Cyan (24%)

Magenta (0%)

Yellow (0%)

Black (58%)



Cyan (68%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5490, 13.6017, 16.2040 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 11.5490, 13.6017, 16.2040 by changing the saturation by 10% instead.

■ 11.5490, 13.6017,
16.2040

■ 11.5490, 13.6017,
16.2040

195.2278,
214.7387, 242.4292

■ 6.5074, 7.8442,
9.5127

■ 28.2950, 32.3806,
37.7237

■ 3.1995, 3.9954,
4.9757

■ 40.7302, 46.1708,
53.3892

■ 1.2601, 1.6710,
2.1745

■ 56.3605, 63.4073,
72.8832

■ 0.1531, 0.4048,
0.6596

■ 75.5514, 84.4745,
96.6242

■ 0.0000, 0.0000,
0.0000

■ 98.6682, 109.7569,
125.0307

126.0763,

139.6388, 158.5214

158.1410,
174.5046, 197.5147

■ 11.5490, 13.6017,
16.2040

■ 11.5490, 13.6017,
16.2040

■ 10.6829, 13.1556,
16.1635

■ 12.5638, 14.1252,
16.2520

■ 9.9573, 12.7815,
16.1294

■ 13.7325, 14.7277,
16.3069

■ 9.3653, 12.4763,
16.1014

■ 15.0616, 15.4128,
16.3693

■ 8.8986, 12.2357,
16.0794

■ 16.5568, 16.1836,
16.4395

■ 8.5483, 12.0552,
16.0628

■ 18.2235, 17.0429,
16.5177

■ 8.3041, 11.9293,
16.0511

■ 20.0671, 17.9933,
16.6042

■ 8.1494, 11.8495,
16.0437

■ 22.0925, 19.0374,
16.6992

■ 8.0693, 11.8082,
16.0398

■ 24.3044, 20.1776,
16.8029

■ 26.7074, 21.4165,
16.9156

Harmonies

Analogous

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



11.5079, 13.6017, 13.9491



11.5490, 13.6017, 16.2040



11.9504, 13.6017, 18.2697

Triad

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



11.5490, 13.6017, 16.2040



14.0855, 13.6017, 17.8732



13.2370, 13.6017, 10.9733

Complementary

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



11.5490, 13.6017, 16.2040



10.7251, 9.8323, 9.3158

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.



13.9575, 13.6017, 11.8171



11.5490, 13.6017, 16.2040



14.4604, 13.6017, 15.7055

Square

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



11.5490, 13.6017, 16.2040



13.4060, 13.6017, 19.2985



14.4126, 13.6017, 13.4982



12.4615, 13.6017, 11.0777

Rectangle

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



11.5490, 13.6017, 16.2040



12.3778, 13.6017, 19.1918



14.4126, 13.6017, 13.4982



13.4943, 13.6017, 11.1516

Sweetspot

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



11.5494, 13.6023, 16.2043



23.4391, 25.5102, 28.5960



10.4034, 13.1482, 9.9724



5.6548, 6.1650, 6.9206



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.



11.5494, 13.6023, 16.2043



19.3754, 23.4154, 28.4050



10.3182, 11.1397, 15.7944



3.1818, 3.4919, 3.9411



9.6244, 14.0838, 19.1309



49.0402, 71.7632, 97.4792

Inverse Universe

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



10.7251, 9.8323, 9.3158



17.6541, 15.5427, 14.0200



11.7611, 11.9044, 9.6608



3.0998, 3.1168, 3.2557



7.3765, 3.8027, 0.3455



37.5865, 19.3766, 1.7595

Previews

White Background



This preview shows how the XYZ color 11.5490, 13.6017, 16.2040 looks on a white background.

Color Contrast Check

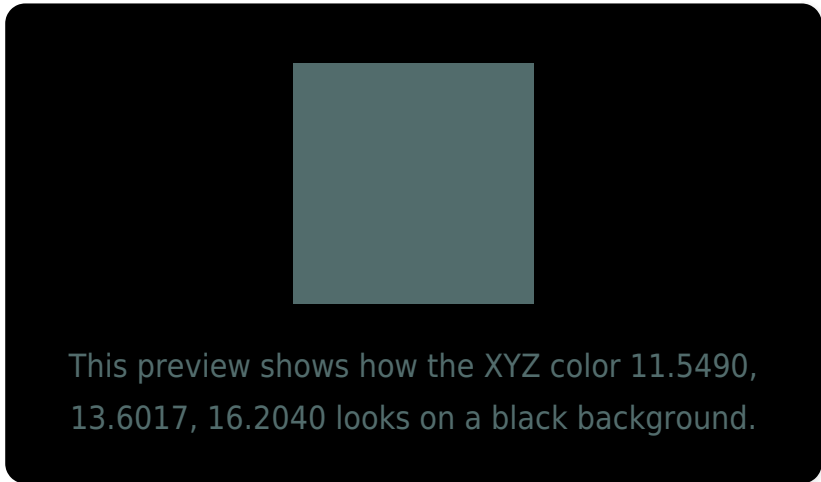
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 11.5490, 13.6017, 16.2040

Background



This preview shows how black text looks on a background with the XYZ color 11.5490, 13.6017, 16.2040.



This preview shows how white text looks on a background with the XYZ color 11.5490, 13.6017,

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

11.5490, 13.6017, 16.2040

Protanopia

13.0101, 13.4657, 15.2780

Deuteranopia

13.8021, 13.5551, 16.6408



Tritanopia

12.0084, 13.6380, 18.2191

Trichromacy



Original Color

11.5490, 13.6017, 16.2040

Protanomaly

12.3757, 13.4280, 15.5753

Deuteranomaly

12.8661, 13.5139, 16.3983

Tritanomaly

11.7496, 13.5242, 17.3204

Monochromacy



Original Color

11.5490, 13.6017, 16.2040

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.8126, 13.0069, 14.7200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5490, 13.6017, 16.2040 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, 108, 108)` looks like.

```
.text, #text, p{  
    color:rgb(82, 108, 108)  
}
```

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, 108, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 108, 108) }
```

Border

The CSS property to change the border of an element to XYZ 11.5490, 13.6017, 16.2040 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, 108, 108) }
```


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

```
.border{ border-color:rgb(82, 108, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 108, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 108, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 108, 108);  
box-shadow:4px 4px 4px 4px rgb(82, 108,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5490, 13.6017, 16.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 108, 108) }
```

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

```
.background{ background-color: rgb(82, 108,  
108) }
```

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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