

Converting Colors

XYZ(11.5456, 13.3260, 11.7369)

Have a look what the booklet for
XYZ(11.5456, 13.3260, 11.7369)
contains.

XYZ(11.6156, 13.4259, 11.6521)	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(11.6156, 13.4259,
11.6521)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6A5A
RGB	94, 106, 90
RGB Percent	37%, 42%, 35%
CMY	0.6314, 0.5843, 0.6471
CMYK	0.11, 0.00, 0.15, 0.58
HSL	105°, 8%, 38%
HSV	105°, 15%, 42%
XYZ	11.6156, 13.4259, 11.6521
YIQ	100.5880, -2.0160, -7.5200

Conversions

Conversions Part 2

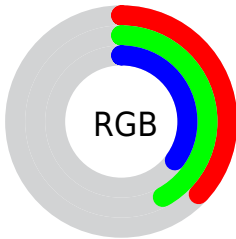
Format	Color
R_{YB}	90, 106, 102
Decimal	6187610
CIE Lab	43.40, -7.90, 7.46
CIE LCh	43, 10.864, 136.656
Yxy	13.4259, 0.3166, 0.3659
Android (android.graphics.Color)	4284377690 (0xFF5E6A5A)
YUV	100.5880, -5.2199, -5.7777
Hunter-Lab	36.6414, -7.5365, 6.7945

Details

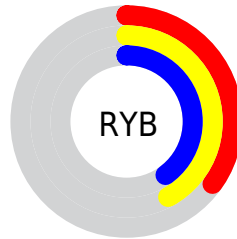
The XYZ color **11.6156, 13.4259, 11.6521** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7376, 11.1780, 15.1752**, and the grayscale version is **12.2772, 12.9166, 14.0662**.

A 20% lighter version of the original color is **28.2922, 31.9367, 29.4842**, and **3.2375, 3.9382, 2.9724** is the 20% darker color. If you saturate the color by 10%, you get **10.4226, 12.8597, 9.4067**, and if you desaturate by 10%, it is **12.9577, 14.0623, 14.2410**.

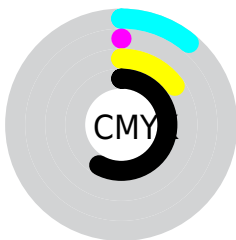
Distribution



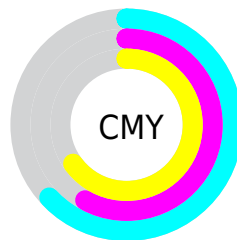
- Red (37%)
- Green (42%)
- Blue (35%)



- Red (35%)
- Yellow (42%)
- Blue (40%)



- Cyan (11%)
- Magenta (0%)
- Yellow (15%)
- Black (58%)



- Cyan (63%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6156, 13.4259, 11.6521 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 11.6156, 13.4259, 11.6521 by changing the saturation by 10% instead.

■ 11.6156, 13.4259,
11.6521

■ 11.6156, 13.4259,
11.6521

195.6659,
213.6295, 212.9838

■ 6.5528, 7.7225,
6.3876

■ 28.4160, 32.0668,
29.5147

■ 3.2279, 3.9179,
3.0096

■ 40.8844, 45.7731,
42.9499

■ 1.2754, 1.6277,
1.0995

■ 56.5519, 62.9159,
59.9458

■ 0.1647, 0.3762,
0.0000

■ 75.7841, 83.8794,
80.9209

■ 0.0000, 0.0000,
0.0000

■ 98.9463, 109.0481,
106.2937

126.4037,

138.8064, 136.4827

158.5218,
173.5388, 171.9066

■ 11.6156, 13.4259,
11.6521

■ 11.6156, 13.4259,
11.6521

■ 10.4226, 12.8597,
9.4067

■ 12.9577, 14.0623,
14.2410

■ 9.3724, 12.3597,
7.4895

■ 14.4528, 14.7694,
17.1861

■ 8.4597, 11.9237,
5.8854

■ 16.1060, 15.5500,
20.5005

■ 7.6787, 11.5493,
4.5777

■ 17.9217, 16.4061,
24.1963

■ 7.0229, 11.2333,
3.5483

■ 19.9045, 17.3398,
28.2852

■ 6.4854, 10.9727,
2.7770

■ 22.0584, 18.3529,
32.7783

■ 6.0585, 10.7641,
2.2407

■ 24.3874, 19.4474,
37.6863

■ 5.7299, 10.6020,
1.8937

■ 26.8955, 20.6249,
43.0194

■ 5.5931, 10.5348,
1.7386

■ 29.5864, 21.8872,
48.7876

Harmonies

Analogous

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



12.3009, 13.4259, 10.5990



11.6156, 13.4259, 11.6521



11.2447, 13.4259, 13.5708

Triad

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



11.6156, 13.4259, 11.6521



12.3896, 13.4259, 19.6286



14.3814, 13.4259, 13.3252

Complementary

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



11.6156, 13.4259, 11.6521



11.7376, 11.1780, 15.1752

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.



14.4077, 13.4259, 15.7188



11.6156, 13.4259, 11.6521



13.2322, 13.4259, 19.5441

Square

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



11.6156, 13.4259, 11.6521



11.6781, 13.4259, 18.2697



13.9791, 13.4259, 18.0500



13.9087, 13.4259, 11.4894

Rectangle

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



11.6156, 13.4259, 11.6521



11.2144, 13.4259, 15.1644



13.9791, 13.4259, 18.0500



14.4434, 13.4259, 14.0859

Sweetspot

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



11.6160, 13.4265, 11.6524



22.7295, 24.6735, 24.9715



12.5412, 13.3056, 11.5803



5.2950, 5.7659, 5.7923



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.6160, 13.4265, 11.6524



19.6442, 23.2110, 19.0422



11.3912, 13.2904, 12.5549



3.1284, 3.4780, 3.3239



6.9122, 13.0585, 2.1562



34.5285, 66.1822, 10.9546

Inverse Universe

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



11.7376, 11.1780, 15.1752



19.8996, 18.4830, 26.4498



11.9987, 11.3361, 14.1266



3.1474, 3.1277, 3.8727



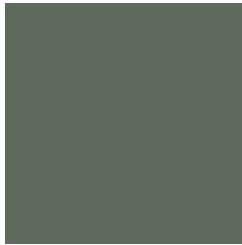
7.2509, 3.3650, 17.1896



36.1233, 16.7219, 87.5499

Previews

White Background



This preview shows how the XYZ color 11.6156, 13.4259, 11.6521 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 11.6156, 13.4259, 11.6521 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 11.6156, 13.4259, 11.6521

Background



This preview shows how black text looks on a background with the XYZ color 11.6156, 13.4259, 11.6521.



This preview shows how white text looks on a background with the XYZ color 11.6156, 13.4259,

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

11.6156, 13.4259, 11.6521

Protanopia

12.5762, 13.3331, 11.1432

Deuteranopia

13.5526, 13.3920, 11.7681



Tritanopia

12.6493, 13.3896, 16.9567

Trichromacy



Original Color

11.6156, 13.4259, 11.6521

Protanomaly

12.1329, 13.2465, 11.3686

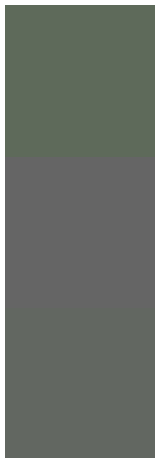
Deuteranomaly

12.8240, 13.4462, 11.8170

Tritanomaly

12.2224, 13.3667, 14.7678

Monochromacy



Original Color

11.6156, 13.4259, 11.6521

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.0449, 13.1602, 13.2146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6156, 13.4259, 11.6521 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(94, 106, 90) looks like.

```
.text, #text, p{  
    color:rgb(94, 106, 90)  
}
```

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(94, 106, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 106, 90) }
```

Border

The CSS property to change the border of an element to XYZ 11.6156, 13.4259, 11.6521 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(94, 106, 90) }
```


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

```
.border{ border-color:rgb(94, 106, 90) }
```

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

Here you see how a box with a 4 pixel rgb(94, 106, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 106, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 106, 90);  
box-shadow:4px 4px 4px 4px rgb(94, 106,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6156, 13.4259, 11.6521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 106, 90) }
```

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

```
.background{ background-color: rgb(94, 106,  
90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor