

Converting Colors

XYZ(11.5007, 13.0660, 15.5171)

Have a look what the booklet for
XYZ(11.5007, 13.0660, 15.5171)
contains.

XYZ(11.5836, 13.1700, 15.5672)	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(11.5836, 13.1700,
15.5672)**

Conversions

Conversions Part 1

Format	Color
Hex	57696A
RGB	87, 105, 106
RGB Percent	34%, 41%, 42%
CMY	0.6588, 0.5882, 0.5843
CMYK	0.18, 0.01, 0.00, 0.58
HSL	183°, 10%, 38%
HSV	183°, 18%, 42%
XYZ	11.5836, 13.1700, 15.5672
YIQ	99.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

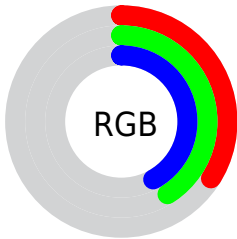
Format	Color
R_{YB}	87, 96, 106
Decimal	5728618
CIE _{Lab}	43.02, -6.49, -2.82
CIE _{LCh}	43, 7.079, 203.508
Yxy	13.1700, 0.2873, 0.3266
Android (android.graphics.Color)	4283918698 (0xFF57696A)
YUV	99.7320, 3.0901, -11.1660
Hunter-Lab	36.2905, -6.5328, -0.0297

Details

The XYZ color **11.5836, 13.1700, 15.5672** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1540, 10.7318, 10.5007**, and the grayscale version is **12.0396, 12.6666, 13.7939**.

A 20% lighter version of the original color is **28.2908, 31.5296, 36.4930**, and **3.2169, 3.8133, 4.7042** is the 20% darker color. If you saturate the color by 10%, you get **10.6093, 12.5841, 15.5057**, and if you desaturate by 10%, it is **12.7044, 13.8327, 15.6362**.

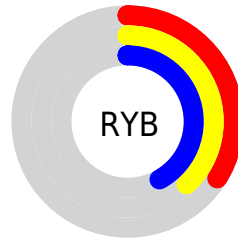
Distribution



Red (34%)

Green (41%)

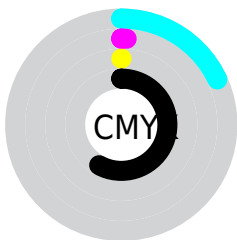
Blue (42%)



Red (34%)

Yellow (38%)

Blue (42%)

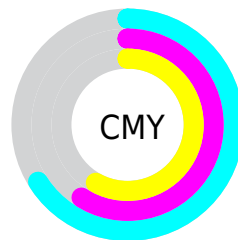


Cyan (18%)

Magenta (1%)

Yellow (0%)

Black (58%)



Cyan (66%)

Magenta (59%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5836, 13.1700, 15.5672 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 11.5836, 13.1700, 15.5672 by changing the saturation by 10% instead.

■ 11.5836, 13.1700,
15.5672

■ 11.5836, 13.1700,
15.5672

195.4555,
212.0043, 238.5320

■ 6.5310, 7.5457,
9.0674

■ 28.3579, 31.6089,
36.6015

■ 3.2143, 3.8057,
4.6878

■ 40.8103, 45.1922,
51.9730

■ 1.2681, 1.5655,
2.0097

■ 56.4600, 62.1974,
71.1389

■ 0.1591, 0.3341,
0.5613

■ 75.6724, 83.0088,
94.5176

■ 0.0000, 0.0000,
0.0000

■ 98.8127, 108.0108,
122.5277

126.2465,

137.5878, 155.5878

158.3390,
172.1241, 194.1164

■ 11.5836, 13.1700,
15.5672

■ 11.5836, 13.1700,
15.5672

■ 10.6093, 12.5841,
15.5057

■ 12.7044, 13.8327,
15.6362

■ 9.7740, 12.0701,
15.4505

■ 13.9765, 14.5735,
15.7122

■ 9.0714, 11.6250,
15.4016

■ 15.4058, 15.3960,
15.7956

■ 8.4941, 11.2451,
15.3587

■ 16.9977, 16.3028,
15.8867

■ 8.0340, 10.9262,
15.3214

■ 18.7573, 17.2966,
15.9858

■ 7.6822, 10.6636,
15.2893

■ 20.6893, 18.3799,
16.0931

■ 7.4283, 10.4520,
15.2618

■ 22.7984, 19.5550,
16.2088

■ 7.2388, 10.2742,
15.2375

■ 25.0891, 20.8243,
16.3330

■ 7.2001, 10.2377,
15.2325

■ 27.5657, 22.1900,
16.4661

Harmonies

Analogous

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



11.5078, 13.1700, 14.0042



11.5836, 13.1700, 15.5672



11.9064, 13.1700, 16.8832

Triad

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



11.5836, 13.1700, 15.5672



13.3768, 13.1700, 16.1945



12.6362, 13.1700, 11.5669

Complementary

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



11.5836, 13.1700, 15.5672



11.1540, 10.7318, 10.5007

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.



13.1495, 13.1700, 12.0657



11.5836, 13.1700, 15.5672



13.5850, 13.1700, 14.6809

Square

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



11.5836, 13.1700, 15.5672



12.9392, 13.1700, 17.2633



13.5007, 13.1700, 13.1788



12.1054, 13.1700, 11.7667

Rectangle

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



11.5836, 13.1700, 15.5672



12.2234, 13.1700, 17.4055



13.5007, 13.1700, 13.1788



12.8167, 13.1700, 11.6572

Sweetspot

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



11.5840, 13.1705, 15.5675



22.8910, 24.6245, 27.4775



10.8442, 13.0383, 11.1671



5.3366, 5.7533, 6.4351



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.



11.5840, 13.1705, 15.5675



19.4975, 22.6161, 27.2687



10.6742, 11.3510, 15.2642



3.1689, 3.4660, 3.9369



8.9278, 12.6899, 18.9011



45.2893, 64.2571, 96.2421

Inverse Universe

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



11.9022, 10.9008, 14.8420



20.1834, 17.7586, 25.6968



11.9808, 12.3853, 10.7763



3.2110, 3.1613, 3.8416



10.2532, 4.9534, 15.4938



52.1427, 25.1990, 78.4113

Previews

White Background



This preview shows how the XYZ color 11.5836, 13.1700, 15.5672 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 11.5836, 13.1700, 15.5672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

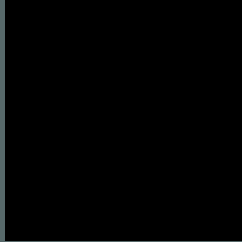
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5836, 13.1700, 15.5672

Background



This preview shows how black text looks on a background with the XYZ color 11.5836, 13.1700, 15.5672.



This preview shows how white text looks on a background with the XYZ color 11.5836, 13.1700,

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

11.5836, 13.1700, 15.5672

Protanopia

12.7459, 13.1904, 14.9709

Deuteranopia

13.3282, 13.0481, 15.7260



Tritanopia

11.8994, 13.1452, 17.2393

Trichromacy



Original Color

11.5836, 13.1700, 15.5672

Protanomaly

12.2309, 13.0641, 15.2416

Deuteranomaly

12.6744, 13.1356, 15.7773

Tritanomaly

11.7893, 13.1011, 16.6593

Monochromacy



Original Color

11.5836, 13.1700, 15.5672

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.8690, 12.8949, 14.4338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5836, 13.1700, 15.5672 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, 105, 106)` looks like.

```
.text, #text, p{  
    color:rgb(87, 105, 106)  
}
```

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, 105, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 105, 106) }
```

Border

The CSS property to change the border of an element to XYZ 11.5836, 13.1700, 15.5672 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, 105, 106) }
```


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

```
.border{ border-color:rgb(87, 105, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 105, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 105, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 105, 106);  
box-shadow:4px 4px 4px 4px rgb(87, 105,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5836, 13.1700, 15.5672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 105, 106) }
```

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

```
.background{ background-color: rgb(87, 105,  
106) }
```

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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