

Converting Colors

XYZ(10.5870, 11.4138, 15.5817)

Have a look what the booklet for
XYZ(10.5870, 11.4138, 15.5817)
contains.

XYZ(10.5830, 11.3586, 15.5446)	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(10.5830, 11.3586,
15.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	55606B
RGB	85, 96, 107
RGB Percent	33%, 38%, 42%
CMY	0.6667, 0.6235, 0.5804
CMYK	0.21, 0.10, 0.00, 0.58
HSL	210°, 11%, 38%
HSV	210°, 21%, 42%
XYZ	10.5830, 11.3586, 15.5446
YIQ	93.9650, -10.0870, 1.0890

Conversions

Conversions Part 2

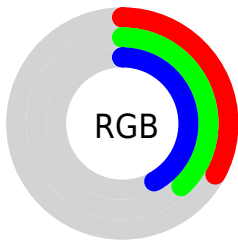
Format	Color
R_{YB}	85, 92, 107
Decimal	5595243
CIE Lab	40.18, -1.60, -7.67
CIE LCh	40, 7.836, 258.195
Yxy	11.3586, 0.2823, 0.3030
Android (android.graphics.Color)	4283785323 (0xFF55606B)
YUV	93.9650, 6.4263, -7.8623
Hunter-Lab	33.7025, -2.9283, -3.7545

Details

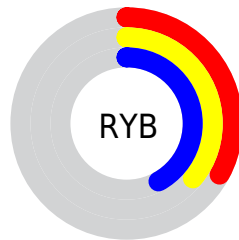
The XYZ color **10.5830, 11.3586, 15.5446** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8860, 12.1473, 10.3126**, and the grayscale version is **10.6183, 11.1713, 12.1655**.

A 20% lighter version of the original color is **26.4421, 28.1773, 36.3929**, and **2.7929, 3.0388, 4.7143** is the 20% darker color. If you saturate the color by 10%, you get **9.2126, 9.9524, 15.3456**, and if you desaturate by 10%, it is **12.1342, 12.9079, 15.7621**.

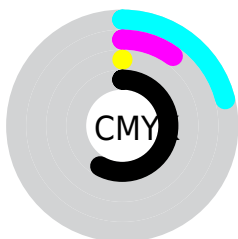
Distribution



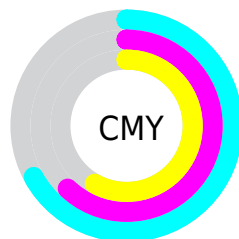
- Red (33%)
- Green (38%)
- Blue (42%)



- Red (33%)
- Yellow (36%)
- Blue (42%)



- Cyan (21%)
- Magenta (10%)
- Yellow (0%)
- Black (58%)



- Cyan (67%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5830, 11.3586, 15.5446 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 10.5830, 11.3586, 15.5446 by changing the saturation by 10% instead.

■ 10.5830, 11.3586,
15.5446

■ 10.5830, 11.3586,
15.5446

188.7519,
200.1115, 238.3925

■ 5.8524, 6.3086,
9.0516

■ 26.5263, 28.3214,
36.5615

■ 2.7953, 3.0336,
4.6776

■ 38.4697, 41.0030,
51.9225

■ 1.0465, 1.1493,
2.0040

■ 53.5480, 56.9972,
71.0766

■ 0.0000, 0.0197,
0.5577

■ 72.1267, 76.6884,
94.4424

■ 0.0000, 0.0000,
0.0000

■ 94.5711, 100.4610,
122.4383

121.2465,

128.6995, 155.4829

152.5183,
161.7882, 193.9948

■ 10.5830, 11.3586,
15.5446

■ 10.5830, 11.3586,
15.5446

■ 9.2126, 9.9524,
15.3456

■ 12.1342, 12.9079,
15.7621

■ 8.0148, 8.6832,
15.1637

■ 13.8720, 14.6034,
15.9978

■ 6.9822, 7.5465,
14.9988

■ 15.8032, 16.4498,
16.2524

■ 6.1064, 6.5369,
14.8500

■ 17.9339, 18.4511,
16.5263

■ 5.3781, 5.6486,
14.7170

■ 20.2700, 20.6112,
16.8202

■ 4.7871, 4.8752,
14.5988

■ 22.8169, 22.9338,
17.1342

■ 4.3217, 4.2094,
14.4949

■ 25.5801, 25.4226,
17.4690

■ 3.9503, 3.6544,
14.4073

■ 28.5648, 28.0809,
17.8248

■ 31.7759, 30.9123,
18.2020

Harmonies

Analogous

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



10.1123, 11.3586, 14.7427



10.5830, 11.3586, 15.5446



11.1266, 11.3586, 15.4440

Triad

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



10.5830, 11.3586, 15.5446



11.8226, 11.3586, 11.4538



10.0334, 11.3586, 10.4726

Complementary

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



10.5830, 11.3586, 15.5446



11.8860, 12.1473, 10.3126

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.



10.4720, 11.3586, 9.7295



10.5830, 11.3586, 15.5446



11.5099, 11.3586, 10.2623

Square

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



10.5830, 11.3586, 15.5446



11.8548, 11.3586, 12.9919



11.0119, 11.3586, 9.6559



9.8022, 11.3586, 11.7636

Rectangle

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



10.5830, 11.3586, 15.5446



11.4571, 11.3586, 14.8798



11.0119, 11.3586, 9.6559



10.1608, 11.3586, 10.1553

Sweetspot

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



10.5833, 11.3591, 15.5449



23.0523, 24.4136, 28.4050



11.0986, 13.2847, 12.9574



5.5462, 5.8765, 6.8707



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.



10.5833, 11.3591, 15.5449



17.6483, 19.0124, 27.6473



9.6777, 9.5478, 15.2430



3.0618, 3.2518, 3.9012



4.7751, 4.3845, 17.5169



23.4621, 20.6028, 88.9663

Inverse Universe

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



11.4235, 10.4675, 12.4853



19.4858, 17.1617, 20.9332



12.9228, 14.2210, 10.6583



3.1570, 3.1397, 3.5569



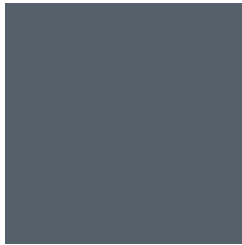
8.1571, 4.1150, 4.4559



41.1254, 20.7921, 20.3948

Previews

White Background



This preview shows how the XYZ color 10.5830, 11.3586, 15.5446 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 10.5830, 11.3586, 15.5446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

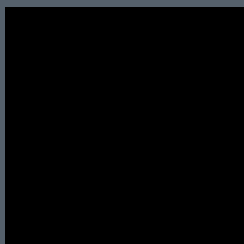
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

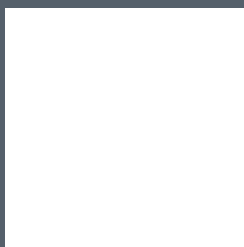
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.5830, 11.3586, 15.5446

Background



This preview shows how black text looks on a background with the XYZ color 10.5830, 11.3586, 15.5446.

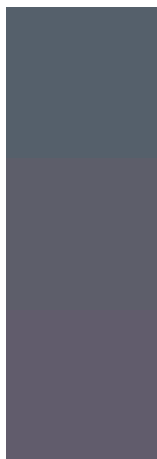


This preview shows how white text looks on a background with the XYZ color 10.5830, 11.3586,

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

10.5830, 11.3586, 15.5446

Protanopia

11.1184, 11.3732, 15.2449

Deuteranopia

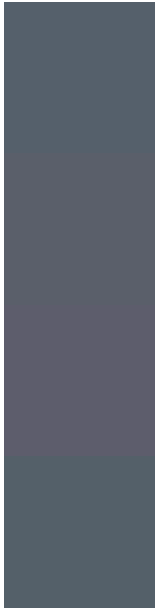
11.4637, 11.2784, 15.7601



Tritanopia

10.3377, 11.2500, 14.7233

Trichromacy



Original Color

10.5830, 11.3586, 15.5446

Protanomaly

10.9102, 11.3987, 15.2608

Deuteranomaly

11.1353, 11.2386, 15.7697

Tritanomaly

10.3888, 11.2705, 14.9925

Monochromacy



Original Color

10.5830, 11.3586, 15.5446

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.6587, 11.3094, 13.4255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5830, 11.3586, 15.5446 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(85, 96, 107) looks like.

```
.text, #text, p{  
    color:rgb(85, 96, 107)  
}
```

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(85, 96, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 96, 107) }
```

Border

The CSS property to change the border of an element to XYZ 10.5830, 11.3586, 15.5446 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(85, 96, 107) }
```


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

```
.border{ border-color:rgb(85, 96, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 96, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 96, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 96, 107);  
box-shadow:4px 4px 4px 4px rgb(85, 96,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5830, 11.3586, 15.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 96, 107) }
```

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

```
.background{ background-color: rgb(85, 96,  
107) }
```

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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