

Converting Colors

XYZ(10.1774, 11.3114, 13.4980)

Have a look what the booklet for
XYZ(10.1774, 11.3114, 13.4980)
contains.

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Color

**XYZ(10.1830, 11.3351,
13.4556)**

Conversions

Conversions Part 1

Format	Color
Hex	546163
RGB	84, 97, 99
RGB Percent	33%, 38%, 39%
CMY	0.6706, 0.6196, 0.6118
CMYK	0.15, 0.02, 0.00, 0.61
HSL	188°, 8%, 36%
HSV	188°, 15%, 39%
XYZ	10.1830, 11.3351, 13.4556
YIQ	93.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

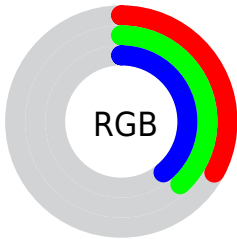
Format	Color
R_{YB}	84, 91, 99
Decimal	5529955
CIE Lab	40.14, -4.51, -2.83
CIE LCh	40, 5.319, 212.112
Yxy	11.3351, 0.2912, 0.3241
Android (android.graphics.Color)	4283720035 (0xFF546163)
YUV	93.3410, 2.7899, -8.1921
Hunter-Lab	33.6676, -4.9299, -0.1285

Details

The XYZ color **10.1830, 11.3351, 13.4556** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.0737, 9.9483, 9.7770**, and the grayscale version is **10.4796, 11.0253, 12.0066**.

A 20% lighter version of the original color is **25.9264, 28.4501, 32.9791**, and **2.6631, 3.0560, 3.8177** is the 20% darker color. If you saturate the color by 10%, you get **9.2380, 10.6688, 13.3770**, and if you desaturate by 10%, it is **11.2559, 12.0710, 13.5413**.

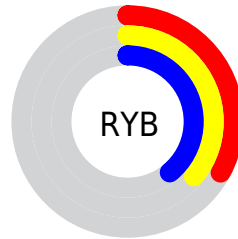
Distribution



Red (33%)

Green (38%)

Blue (39%)



Red (33%)

Yellow (36%)

Blue (39%)

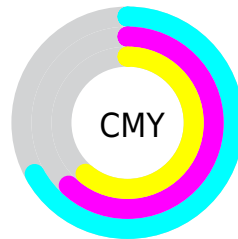


Cyan (15%)

Magenta (2%)

Yellow (0%)

Black (61%)



Cyan (67%)

Magenta (62%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1830, 11.3351, 13.4556 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 10.1830, 11.3351, 13.4556 by changing the saturation by 10% instead.

■ 10.1830, 11.3351,
13.4556

■ 10.1830, 11.3351,
13.4556

185.9997,
199.9523, 225.1267

■ 5.5837, 6.2927,
7.6086

■ 25.7857, 28.2782,
32.8230

■ 2.6318, 3.0239,
3.7614

■ 37.5198, 40.9476,
47.1805

■ 0.9622, 1.1442,
1.4954

■ 52.3628, 56.9283,
65.2119

■ 0.0000, 0.0154,
0.2145

■ 70.6801, 76.6044,
87.3358

■ 0.0000, 0.0000,
0.0000

■ 92.8371, 100.3605,
113.9707

119.1992,

128.5809, 145.5351

150.1316,
161.6501, 182.4476

■ 10.1830, 11.3351,
13.4556

■ 10.1830, 11.3351,
13.4556

■ 9.2380, 10.6688,
13.3770

■ 11.2559, 12.0710,
13.5413

■ 8.4148, 10.0680,
13.3044

■ 12.4608, 12.8775,
13.6334

■ 7.7080, 9.5302,
13.2378

■ 13.8025, 13.7577,
13.7326

■ 7.1117, 9.0523,
13.1770

■ 15.2856, 14.7138,
13.8390

■ 6.6191, 8.6308,
13.1216

■ 16.9142, 15.7480,
13.9528

■ 6.2231, 8.2620,
13.0713

■ 18.6925, 16.8625,
14.0742

■ 5.9152, 7.9417,
13.0257

■ 20.6243, 18.0591,
14.2033

■ 5.6762, 7.6597,
12.9839

■ 22.7134, 19.3400,
14.3405

■ 5.5649, 7.5264,
12.9640

■ 24.9633, 20.7069,
14.4857

Harmonies

Analogous

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



10.0791, 11.3351, 12.4172



10.1830, 11.3351, 13.4556



10.4447, 11.3351, 14.2293

Triad

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



10.1830, 11.3351, 13.4556



11.4140, 11.3351, 13.3185



10.7475, 11.3351, 10.4182

Complementary

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



10.1830, 11.3351, 13.4556



10.0737, 9.9483, 9.7770

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.



11.1094, 11.3351, 10.6294



10.1830, 11.3351, 13.4556



11.4994, 11.3351, 12.2671

Square

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



10.1830, 11.3351, 13.4556



11.1558, 11.3351, 14.1470



11.3868, 11.3351, 11.2916



10.4004, 11.3351, 10.6974

Rectangle

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



10.1830, 11.3351, 13.4556



10.6765, 11.3351, 14.4693



11.3868, 11.3351, 11.2916



10.8715, 11.3351, 10.4341

Sweetspot

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



10.1833, 11.3356, 13.4559



19.3105, 20.7080, 23.2292



9.7878, 11.4766, 10.4509



4.5681, 4.9074, 5.5197



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



10.1833, 11.3356, 13.4559



16.8997, 19.0479, 23.0359



9.5436, 10.0561, 13.2426



2.6136, 2.8419, 3.2560



7.2338, 9.7704, 16.8923



38.1825, 51.2712, 90.0885

Inverse Universe

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



10.4739, 9.8566, 12.6603



17.4991, 16.0287, 21.3874



10.6824, 11.1656, 9.9798



2.6558, 2.6232, 3.1416



8.8770, 4.3257, 11.7381



47.1898, 23.0154, 61.4789

Previews

White Background



This preview shows how the XYZ color 10.1830, 11.3351, 13.4556 looks on a white background.

Color Contrast Check

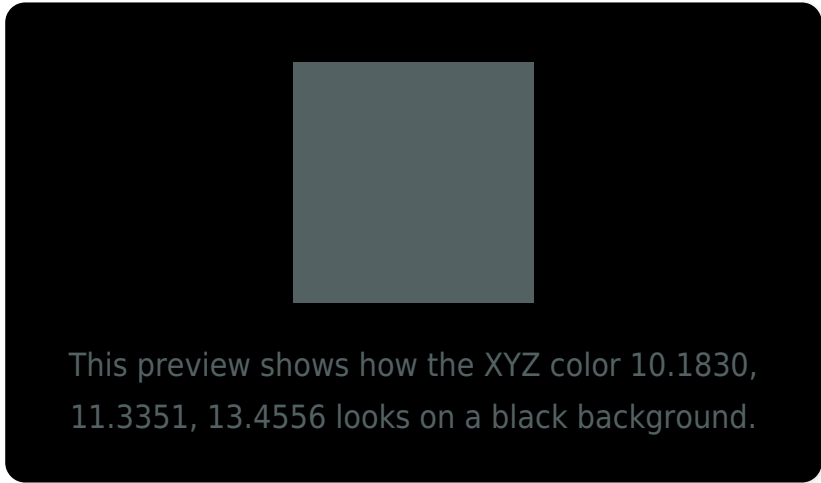
Large Text (above 18pt) WCAG AA ✓ Pass

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

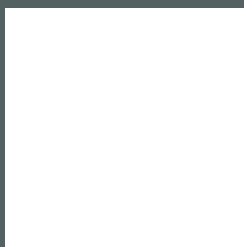
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.1830, 11.3351, 13.4556

Background



This preview shows how black text looks on a background with the XYZ color 10.1830, 11.3351, 13.4556.



This preview shows how white text looks on a background with the XYZ color 10.1830, 11.3351,

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

10.1830, 11.3351, 13.4556

Protanopia

10.8797, 11.3014, 12.9172

Deuteranopia

11.4942, 11.3411, 13.6398



Tritanopia

10.4279, 11.2965, 14.7275

Trichromacy



Original Color

10.1830, 11.3351, 13.4556

Protanomaly

10.6112, 11.2904, 13.1753

Deuteranomaly

11.0223, 11.3584, 13.6680

Tritanomaly

10.3275, 11.2563, 14.1987

Monochromacy



Original Color

10.1830, 11.3351, 13.4556

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.2847, 11.0053, 12.4086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1830, 11.3351, 13.4556 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(84, 97, 99) looks like.

```
.text, #text, p{  
    color:rgb(84, 97, 99)  
}
```

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(84, 97, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 97, 99) }
```

Border

The CSS property to change the border of an element to XYZ 10.1830, 11.3351, 13.4556 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(84, 97, 99) }
```


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

```
.border{ border-color:rgb(84, 97, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 97, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 97, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 97, 99);  
box-shadow:4px 4px 4px 4px rgb(84, 97, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.1830, 11.3351, 13.4556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 97, 99) }
```

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

```
.background{ background-color: rgb(84, 97,  
99) }
```

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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