

Converting Colors

XYZ(33.0742, 36.0366, 54.6472)

Have a look what the booklet for
XYZ(33.0742, 36.0366, 54.6472)
contains.

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Color

**XYZ(33.0124, 35.9061,
54.4808)**

Conversions

Conversions Part 1

Format	Color
Hex	88A5BF
RGB	136, 165, 191
RGB Percent	53%, 65%, 75%
CMY	0.4667, 0.3529, 0.2510
CMYK	0.29, 0.14, 0.00, 0.25
HSL	208°, 30%, 64%
HSV	208°, 29%, 75%
XYZ	33.0124, 35.9061, 54.4808
YIQ	159.2930, -25.6300, 1.9380

Conversions

Conversions Part 2

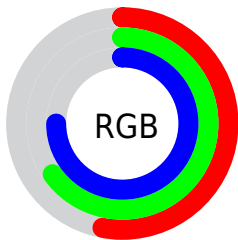
Format	Color
RYB	136, 155, 191
Decimal	8955327
CIELab	66.45, -3.91, -16.63
CIElCh	66, 17.081, 256.753
Yxy	35.9061, 0.2675, 0.2910
Android (android.graphics.Color)	4287145407 (0xFF88A5BF)
YUV	159.2930, 15.6316, -20.4280
Hunter-Lab	59.9217, -6.5227, -11.9613

Details

The XYZ color **33.0124, 35.9061, 54.4808** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.8505, 38.6947, 28.7146**, and the grayscale version is **33.0287, 34.7487, 37.8414**.

A 20% lighter version of the original color is **63.6169, 68.8489, 97.9319**, and **14.2389, 15.5765, 26.3009** is the 20% darker color. If you saturate the color by 10%, you get **28.6113, 31.3052, 53.8253**, and if you desaturate by 10%, it is **38.0835, 41.0247, 55.2021**.

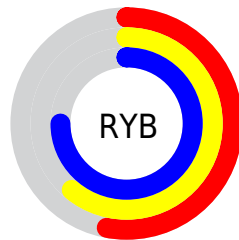
Distribution



Red (53%)

Green (65%)

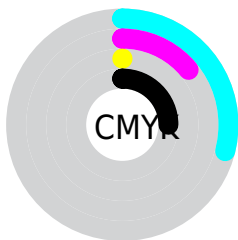
Blue (75%)



Red (53%)

Yellow (61%)

Blue (75%)

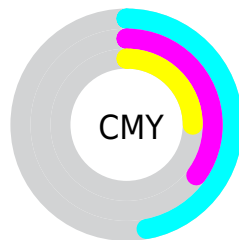


Cyan (29%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0124, 35.9061, 54.4808 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 33.0124, 35.9061, 54.4808 by changing the saturation by 10% instead.

■ 33.0124, 35.9061,
54.4808

■ 33.0124, 35.9061,
54.4808

307.3696,
328.5499, 421.1671

■ 22.2952, 24.3617,
38.5904

■ 63.7494, 68.8871,
98.2433

■ 14.1918, 15.6021,
26.1359

■ 84.5000, 91.0925,
126.9526

■ 8.3368, 9.2431,
16.6986

■ 109.3258,
117.6203, 160.7718

■ 4.3648, 4.9001,
9.8602

138.5920,
148.8550, 200.1196

■ 1.9105, 2.1887,
5.2020

172.6642,
185.1809, 245.4145

■ 0.5829, 0.7138,
2.3054

211.9076,

■ 0.0000, 0.0000,

226.9824, 297.0750

0.7343

256.6876,
274.6440, 355.5197

■ 0.0000, 0.0000,
0.0000

■ 33.0124, 35.9061,
54.4808

■ 33.0124, 35.9061,
54.4808

■ 28.6113, 31.3052,
53.8253

■ 38.0835, 41.0247,
55.2021

■ 24.8451, 27.1980,
53.2310

■ 43.8507, 46.6755,
55.9889

■ 21.6805, 23.5645,
52.6965

■ 50.3428, 52.8772,
56.8438

■ 19.0793, 20.3813,
52.2192

■ 57.5857, 59.6466,
57.7686

■ 16.9985, 17.6223,
51.7963

■ 65.6042, 66.9996,
58.7653

■ 15.3881, 15.2578,
51.4248

■ 74.4218, 74.9513,
59.8354

■ 14.1650, 13.2407,
51.0999

■ 78.4433, 80.6202,
60.7176

■ 14.0302, 13.0139,
51.0632

■ 80.9953, 85.7241,
61.5683

■ 83.6790, 91.0914,
62.4628

Harmonies

Analogous

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



30.8659, 35.9061, 50.2858



33.0124, 35.9061, 54.4808



35.5658, 35.9061, 54.2029

Triad

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



33.0124, 35.9061, 54.4808



39.0599, 35.9061, 35.1725



30.6673, 35.9061, 30.2129

Complementary

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



33.0124, 35.9061, 54.4808



38.8505, 38.6947, 28.7146

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.



32.7288, 35.9061, 27.0938



33.0124, 35.9061, 54.4808



37.6115, 35.9061, 29.7024

Square

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



33.0124, 35.9061, 54.4808



39.1452, 35.9061, 42.4149



35.2678, 35.9061, 26.9195



29.5583, 35.9061, 35.9543

Rectangle

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



33.0124, 35.9061, 54.4808



37.1577, 35.9061, 51.5094



35.2678, 35.9061, 26.9195



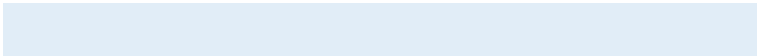
31.2670, 35.9061, 28.8561

Sweetspot

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



33.0135, 35.9075, 54.4816



78.1557, 83.2271, 100.2243



35.2768, 45.0933, 40.8726



16.8118, 17.9361, 21.9612



92.9021, 97.7402, 106.4391



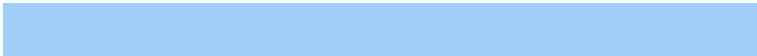
19.4759, 20.4902, 22.3138

Same Dimension

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



33.0135, 35.9075, 54.4816



53.6701, 58.6398, 96.7690



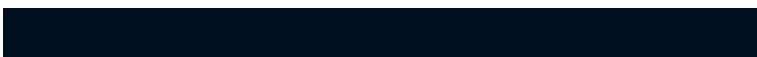
28.6227, 27.1258, 53.0180



9.4216, 10.0356, 12.1127



9.3016, 8.7149, 33.5848



0.4294, 0.4714, 1.3372

Inverse Universe

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



37.0824, 31.4022, 39.7057



62.3800, 49.7269, 64.9757



44.1639, 49.3215, 30.4857



9.7347, 9.6182, 10.9918



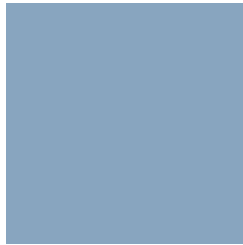
15.6958, 7.9095, 8.9575



0.6476, 0.3230, 0.5237

Previews

White Background



This preview shows how the XYZ color 33.0124, 35.9061, 54.4808 looks on a white background.

Color Contrast Check

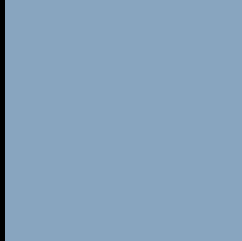
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 33.0124, 35.9061, 54.4808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

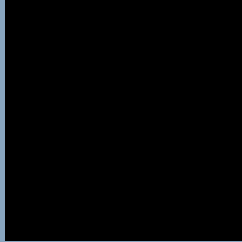
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

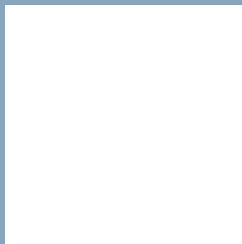
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0124, 35.9061, 54.4808

Background



This preview shows how black text looks on a background with the XYZ color 33.0124, 35.9061, 54.4808.



This preview shows how white text looks on a background with the XYZ color 33.0124, 35.9061,

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

33.0124, 35.9061, 54.4808

Protanopia

35.3582, 35.8404, 52.6313

Deuteranopia

36.5504, 35.8810, 55.4514



Tritanopia

31.8885, 36.0011, 48.4482

Trichromacy



Original Color

33.0124, 35.9061, 54.4808

Protanomaly

34.5001, 35.9043, 53.2560

Deuteranomaly

35.2082, 35.9709, 54.9566

Tritanomaly

32.2796, 35.8840, 50.5724

Monochromacy



Original Color

33.0124, 35.9061, 54.4808

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8581, 35.0093, 43.5537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0124, 35.9061, 54.4808 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(136, 165, 191)` looks like.

```
.text, #text, p{  
    color:rgb(136, 165, 191)  
}
```

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(136, 165, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 165, 191) }
```

Border

The CSS property to change the border of an element to XYZ 33.0124, 35.9061, 54.4808 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(136, 165, 191) }
```


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

```
.border{ border-color:rgb(136, 165, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 165, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 165, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 165, 191);  
box-shadow:4px 4px 4px 4px rgb(136, 165,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0124, 35.9061, 54.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 165, 191) }
```

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

```
.background{ background-color: rgb(136,  
165, 191) }
```

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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