

Converting Colors

XYZ(33.0470, 36.4283, 54.7251)

Have a look what the booklet for
XYZ(33.0470, 36.4283, 54.7251)
contains.

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Color

**XYZ(33.0542, 36.4674,
54.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	86A7BF
RGB	134, 167, 191
RGB Percent	53%, 65%, 75%
CMY	0.4745, 0.3451, 0.2510
CMYK	0.30, 0.13, 0.00, 0.25
HSL	205°, 31%, 64%
HSV	205°, 30%, 75%
XYZ	33.0542, 36.4674, 54.5870
YIQ	159.8690, -27.3720, 0.4680

Conversions

Conversions Part 2

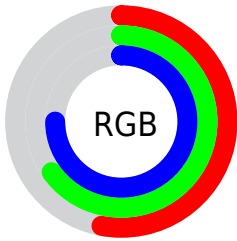
Format	Color
RYB	134, 155, 191
Decimal	8824767
CIELab	66.88, -5.61, -15.99
CIElCh	67, 16.947, 250.676
Yxy	36.4674, 0.2663, 0.2938
Android (android.graphics.Color)	4287014847 (0xFF86A7BF)
YUV	159.8690, 15.3476, -22.6871
Hunter-Lab	60.3882, -7.9754, -11.3225

Details

The XYZ color **33.0542, 36.4674, 54.5870** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.0162, 37.2515, 27.7417**, and the grayscale version is **33.2948, 35.0287, 38.1463**.

A 20% lighter version of the original color is **63.6488, 69.6493, 98.0847**, and **14.1979, 15.8903, 26.3636** is the 20% darker color. If you saturate the color by 10%, you get **28.8531, 32.1830, 53.9821**, and if you desaturate by 10%, it is **37.8990, 41.2214, 55.2499**.

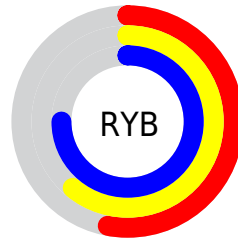
Distribution



Red (53%)

Green (65%)

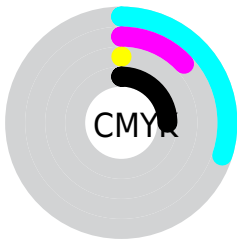
Blue (75%)



Red (53%)

Yellow (61%)

Blue (75%)

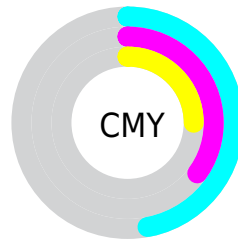


Cyan (30%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0542, 36.4674, 54.5870 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 33.0542, 36.4674, 54.5870 by changing the saturation by 10% instead.

■ 33.0542, 36.4674,
54.5870

■ 33.0542, 36.4674,
54.5870

307.5546,
330.9989, 421.5822

■ 22.3274, 24.7954,
38.6748

■ 63.8143, 69.7529,
98.4007

■ 14.2156, 15.9247,
26.2009

■ 84.5782, 92.1351,
127.1392

■ 8.3535, 9.4709,
16.7469

■ 109.4186,
118.8563, 160.9902

■ 4.3757, 5.0496,
9.8942

138.7008,
150.3007, 200.3723

■ 1.9168, 2.2764,
5.2242

172.7901,
186.8527, 245.7041

■ 0.5866, 0.7612,
2.3183

212.0520,

■ 0.0000, 0.0000,

228.8969, 297.4039

0.7415

256.8517,
276.8174, 355.8905

■ 0.0000, 0.0000,
0.0000

■ 33.0542, 36.4674,
54.5870

■ 33.0542, 36.4674,
54.5870

■ 28.8531, 32.1830,
53.9821

■ 37.8990, 41.2214,
55.2499

■ 25.2610, 28.3453,
53.4306

■ 43.4132, 46.4579,
55.9700

■ 22.2449, 24.9356,
52.9315

■ 49.6249, 52.1948,
56.7499

■ 19.7672, 21.9318,
52.4823

■ 56.5598, 58.4474,
57.5913

■ 17.7851, 19.3093,
52.0805

■ 64.2419, 65.2306,
58.4957

■ 16.2482, 17.0394,
51.7234

■ 72.6945, 72.5582,
59.4646

■ 15.0610, 15.0698,
51.4058

■ 77.1105, 77.9544,
60.2734

■ 15.0434, 15.0403,
51.4010

■ 79.3141, 82.3617,
61.0079

■ 81.6212, 86.9759,
61.7770

Harmonies

Analogous

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



31.0528, 36.4674, 49.6455



33.0542, 36.4674, 54.5870



35.5831, 36.4674, 55.2716

Triad

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



33.0542, 36.4674, 54.5870



39.7385, 36.4674, 37.1466



31.5442, 36.4674, 29.9267

Complementary

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



33.0542, 36.4674, 54.5870



38.0162, 37.2515, 27.7417

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.



33.7553, 36.4674, 27.3784



33.0542, 36.4674, 54.5870



38.5388, 36.4674, 31.1918

Square

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



33.0542, 36.4674, 54.5870



39.5280, 36.4674, 44.5679



36.3194, 36.4674, 27.8110



30.2112, 36.4674, 35.2126

Rectangle

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



33.0542, 36.4674, 54.5870



37.2394, 36.4674, 53.1398



36.3194, 36.4674, 27.8110



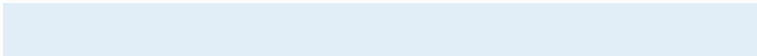
32.2048, 36.4674, 28.7529

Sweetspot

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



33.0553, 36.4688, 54.5878



78.4895, 83.8947, 100.3356



34.6131, 44.7907, 39.0570



16.8962, 18.1048, 21.9893



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.



33.0553, 36.4688, 54.5878



54.0150, 60.0610, 97.0252



28.4328, 27.2237, 53.0470



9.4628, 10.1180, 12.1264



9.9673, 10.0463, 33.8067



0.4538, 0.5203, 1.3454

Inverse Universe

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



36.9869, 30.9175, 40.5791



62.3755, 49.0416, 67.0596



43.4013, 48.0216, 29.5367



9.7555, 9.6265, 11.1013



16.0318, 8.0439, 10.7270



0.6600, 0.3279, 0.5887

Previews

White Background



This preview shows how the XYZ color 33.0542, 36.4674, 54.5870 looks on a white background.

Color Contrast Check

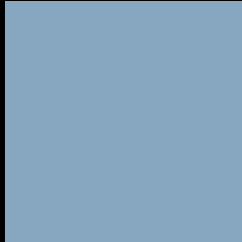
Large Text (above 18pt) WCAG AA × Fail

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 33.0542, 36.4674, 54.5870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

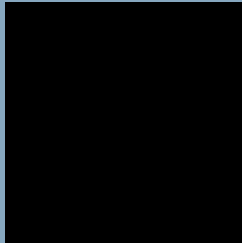
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

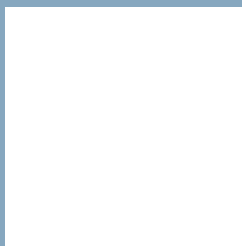
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0542, 36.4674, 54.5870

Background



This preview shows how black text looks on a background with the XYZ color 33.0542, 36.4674, 54.5870.



This preview shows how white text looks on a background with the XYZ color 33.0542, 36.4674,

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

33.0542, 36.4674, 54.5870

Protanopia

35.8151, 36.3467, 52.1417

Deuteranopia

37.1280, 36.4331, 55.5275



Tritanopia

32.1472, 36.6589, 49.6375

Trichromacy



Original Color

33.0542, 36.4674, 54.5870

Protanomaly

34.5687, 36.2148, 52.7451

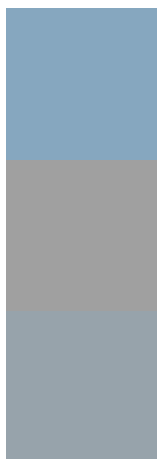
Deuteranomaly

35.3837, 36.3218, 55.0151

Tritanomaly

32.4325, 36.4946, 51.2337

Monochromacy



Original Color

33.0542, 36.4674, 54.5870

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.2104, 35.7140, 43.6712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0542, 36.4674, 54.5870 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(134, 167, 191)` looks like.

```
.text, #text, p{  
    color:rgb(134, 167, 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(134, 167, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 167, 191) }
```

Border

The CSS property to change the border of an element to XYZ 33.0542, 36.4674, 54.5870 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(134, 167, 191) }
```


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

```
.border{ border-color:rgb(134, 167, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 167, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 167, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 167, 191);  
box-shadow:4px 4px 4px 4px rgb(134, 167,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0542, 36.4674, 54.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 167, 191) }
```

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

```
.background{ background-color: rgb(134,  
167, 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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