

Converting Colors

XYZ(33.0669, 37.5547, 54.7068)

Have a look what the booklet for
XYZ(33.0669, 37.5547, 54.7068)
contains.

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Color

**XYZ(33.1728, 37.6332,
54.8058)**

Conversions

Conversions Part 1

Format	Color
Hex	82ABBF
RGB	130, 171, 191
RGB Percent	51%, 67%, 75%
CMY	0.4902, 0.3294, 0.2510
CMYK	0.32, 0.10, 0.00, 0.25
HSL	200°, 32%, 63%
HSV	200°, 32%, 75%
XYZ	33.1728, 37.6332, 54.8058
YIQ	161.0210, -30.8560, -2.4720

Conversions

Conversions Part 2

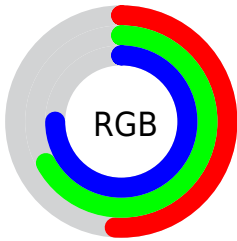
Format	Color
RYB	130, 155, 191
Decimal	8563647
CIELab	67.75, -8.95, -14.70
CIELCh	68, 17.211, 238.648
Yxy	37.6332, 0.2641, 0.2996
Android (android.graphics.Color)	4286753727 (0xFF82ABBF)
YUV	161.0210, 14.7796, -27.2054
Hunter-Lab	61.3459, -10.8315, -10.0269

Details

The XYZ color **33.1728, 37.6332, 54.8058** is a light color, and the websafe version is hex **669999**. A complement of this color would be **36.4221, 34.5013, 25.8599**, and the grayscale version is **33.8307, 35.5925, 38.7603**.

A 20% lighter version of the original color is **63.7520, 71.2985, 98.3976**, and **14.3262, 16.6483, 26.5031** is the 20% darker color. If you saturate the color by 10%, you get **29.3559, 33.9518, 54.2970**, and if you desaturate by 10%, it is **37.5919, 41.7100, 55.3604**.

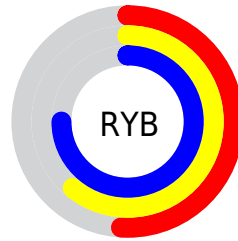
Distribution



Red (51%)

Green (67%)

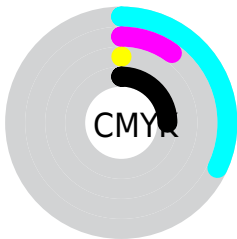
Blue (75%)



Red (51%)

Yellow (61%)

Blue (75%)

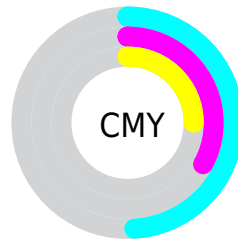


Cyan (32%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (49%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1728, 37.6332, 54.8058 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 33.1728, 37.6332, 54.8058 by changing the saturation by 10% instead.

■ 33.1728, 37.6332,
54.8058

■ 33.1728, 37.6332,
54.8058

308.0789,
336.0439, 422.4365

■ 22.4187, 25.6981,
38.8487

■ 63.9981, 71.5456,
98.7247

■ 14.2832, 16.5979,
26.3351

■ 84.8000, 94.2917,
127.5235

■ 8.4009, 9.9483,
16.8465

■ 109.6819,
121.4102, 161.4400

■ 4.4065, 5.3647,
9.9643

139.0092,
153.2857, 200.8928

■ 1.9346, 2.4628,
5.2700

173.1472,
190.3024, 246.3002

■ 0.5968, 0.8579,
2.3450

212.4612,

■ 0.0000, 0.0000,

232.8447, 298.0810

0.7563

257.3167,
281.2971, 356.6536

■ 0.0000, 0.0000,
0.0000

■ 33.1728, 37.6332,
54.8058

■ 33.1728, 37.6332,
54.8058

■ 29.3559, 33.9518,
54.2970

■ 37.5919, 41.7100,
55.3604

■ 26.1068, 30.6444,
53.8299

■ 42.6382, 46.1935,
55.9599

■ 23.3928, 27.6936,
53.4034

■ 48.3396, 51.1002,
56.6065

■ 21.1762, 25.0790,
53.0155

■ 54.7212, 56.4440,
57.3016

■ 19.4138, 22.7771,
52.6641

■ 61.8066, 62.2381,
58.0465

■ 18.0545, 20.7601,
52.3464

■ 69.6183, 68.4953,
58.8425

■ 17.1732, 19.2999,
52.1110

■ 74.9029, 73.5392,
59.5376

■ 76.5265, 76.7865,
60.0788

■ 78.2118, 80.1571,
60.6406

Harmonies

Analogous

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



31.4646, 37.6332, 48.4098



33.1728, 37.6332, 54.8058



35.6486, 37.6332, 57.4391

Triad

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



33.1728, 37.6332, 54.8058



41.1316, 37.6332, 41.3229



33.3721, 37.6332, 29.4157

Complementary

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



33.1728, 37.6332, 54.8058



36.4221, 34.5013, 25.8599

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.



35.8901, 37.6332, 28.0042



33.1728, 37.6332, 54.8058



40.4495, 37.6332, 34.3453

Square

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



33.1728, 37.6332, 54.8058



40.3186, 37.6332, 49.0822



38.4977, 37.6332, 29.6938



31.5756, 37.6332, 33.8156

Rectangle

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



33.1728, 37.6332, 54.8058



37.4302, 37.6332, 56.4861



38.4977, 37.6332, 29.6938



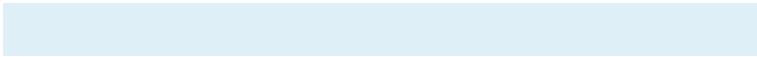
34.1582, 37.6332, 28.6020

Sweetspot

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



33.1740, 37.6347, 54.8067



78.0925, 84.2380, 100.4228



33.2877, 44.1883, 35.3422



16.8440, 18.2328, 22.0168



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.



33.1740, 37.6347, 54.8067



54.7400, 62.9303, 97.5408



28.1628, 27.6123, 53.1363



9.5378, 10.2679, 12.1514



11.3618, 12.8354, 34.2715



0.5024, 0.6174, 1.3616

Inverse Universe

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



36.8201, 29.9829, 42.3763



62.3950, 47.7229, 71.2517



41.8002, 45.2574, 27.6525



9.7933, 9.6416, 11.3006



16.7357, 8.3254, 14.4336



0.6845, 0.3377, 0.7177

Previews

White Background



This preview shows how the XYZ color 33.1728, 37.6332, 54.8058 looks on a white background.

Color Contrast Check

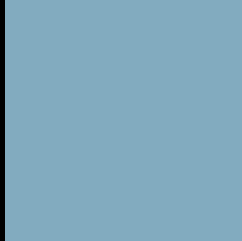
Large Text (above 18pt) WCAG AA × Fail

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 33.1728, 37.6332, 54.8058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

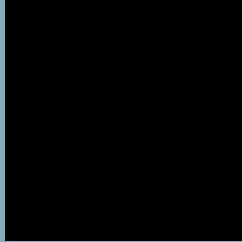
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.1728, 37.6332, 54.8058

Background



This preview shows how black text looks on a background with the XYZ color 33.1728, 37.6332, 54.8058.



This preview shows how white text looks on a background with the XYZ color 33.1728, 37.6332,

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

33.1728, 37.6332, 54.8058

Protanopia

36.6581, 37.3166, 51.7251

Deuteranopia

38.3069, 37.5555, 55.6820



Tritanopia

32.6687, 37.7173, 52.0127

Trichromacy



Original Color

33.1728, 37.6332, 54.8058

Protanomaly

35.2910, 37.3873, 52.9334

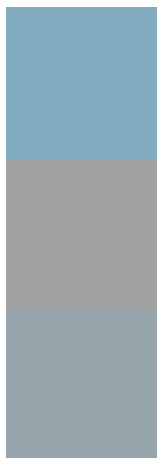
Deuteranomaly

36.2960, 37.5861, 55.2110

Tritanomaly

32.8829, 37.8030, 53.1406

Monochromacy



Original Color

33.1728, 37.6332, 54.8058

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.4792, 36.3729, 44.2858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1728, 37.6332, 54.8058 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(130, 171, 191)` looks like.

```
.text, #text, p{  
    color:rgb(130, 171, 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(130, 171, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 171, 191) }
```

Border

The CSS property to change the border of an element to XYZ 33.1728, 37.6332, 54.8058 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(130, 171, 191) }
```


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

```
.border{ border-color:rgb(130, 171, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 171, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 171, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 171, 191);  
box-shadow:4px 4px 4px 4px rgb(130, 171,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1728, 37.6332, 54.8058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 171, 191) }
```

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

```
.background{ background-color: rgb(130,  
171, 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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