

Converting Colors

XYZ(33.0082, 35.8128, 58.5989)

Have a look what the booklet for
XYZ(33.0082, 35.8128, 58.5989)
contains.

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Color

**XYZ(33.0082, 35.8128,
58.5989)**

Conversions

Conversions Part 1

Format	Color
Hex	83A5C6
RGB	131, 165, 198
RGB Percent	51%, 65%, 78%
CMY	0.4863, 0.3529, 0.2235
CMYK	0.34, 0.17, 0.00, 0.22
HSL	210°, 37%, 65%
HSV	210°, 34%, 78%
XYZ	33.0082, 35.8128, 58.5989
YIQ	158.5960, -30.8570, 3.0550

Conversions

Conversions Part 2

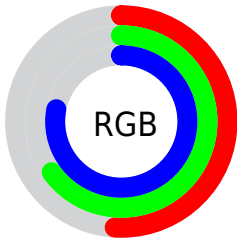
Format	Color
RYB	131, 154, 198
Decimal	8627654
CIELab	66.38, -3.62, -20.65
CIElCh	66, 20.968, 260.056
Yxy	35.8128, 0.2591, 0.2811
Android (android.graphics.Color)	4286817734 (0xFF83A5C6)
YUV	158.5960, 19.4262, -24.2017
Hunter-Lab	59.8438, -6.2709, -16.1660

Details

The XYZ color **33.0082, 35.8128, 58.5989** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.6614, 40.1957, 27.0891**, and the grayscale version is **32.6955, 34.3983, 37.4597**.

A 20% lighter version of the original color is **63.8929, 68.8455, 104.5287**, and **14.1636, 15.4861, 28.6282** is the 20% darker color. If you saturate the color by 10%, you get **28.5374, 30.9964, 57.9055**, and if you desaturate by 10%, it is **38.2014, 41.2024, 59.3661**.

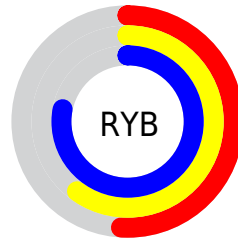
Distribution



Red (51%)

Green (65%)

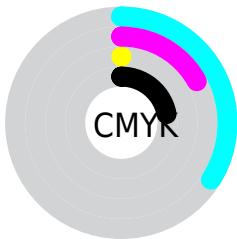
Blue (78%)



Red (51%)

Yellow (60%)

Blue (78%)

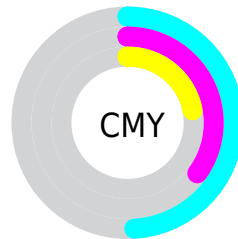


Cyan (34%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (49%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0082, 35.8128, 58.5989 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 33.0082, 35.8128, 58.5989 by changing the saturation by 10% instead.

■ 33.0082, 35.8128,
58.5989

■ 33.0082, 35.8128,
58.5989

307.3510,
328.1416, 437.0743

■ 22.2920, 24.2897,
41.8724

■ 63.7429, 68.7430,
104.3179

■ 14.1894, 15.5486,
28.6766

■ 84.4921, 90.9189,
134.1474

■ 8.3351, 9.2053,
18.5928

■ 109.3164,
117.4145, 169.1818

■ 4.3637, 4.8753,
11.2026

138.5811,
148.6141, 209.8395

■ 1.9099, 2.1743,
6.0874

172.6516,
184.9023, 256.5390

■ 0.5826, 0.7059,
2.8287

211.8931,

■ 0.0000, 0.0000,

226.6633, 309.6990

1.0078

256.6712,
274.2816, 369.7379

■ 0.0000, 0.0000,
0.0000

■ 33.0082, 35.8128,
58.5989

■ 33.0082, 35.8128,
58.5989

■ 28.5374, 30.9964,
57.9055

■ 38.2014, 41.2024,
59.3661

■ 24.7492, 26.7257,
57.2808

■ 44.1473, 47.1826,
60.2070

■ 21.6048, 22.9771,
56.7230

■ 50.8785, 53.7752,
61.1247

■ 19.0595, 19.7228,
56.2290

■ 58.4247, 60.9995,
62.1214

■ 17.0624, 16.9315,
55.7955

■ 66.8137, 68.8737,
63.1992

■ 15.5525, 14.5667,
55.4186

■ 76.0723, 77.4155,
64.3599

■ 14.7968, 13.2845,
55.2110

■ 80.6475, 83.7659,
65.3445

■ 83.4891, 89.4492,
66.2917

■ 86.4858, 95.4425,
67.2906

Harmonies

Analogous

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



30.3122, 35.8128, 53.7902



33.0082, 35.8128, 58.5989



36.1492, 35.8128, 57.5713

Triad

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



33.0082, 35.8128, 58.5989



40.0238, 35.8128, 33.3661



29.6218, 35.8128, 28.9234

Complementary

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



33.0082, 35.8128, 58.5989



40.6614, 40.1957, 27.0891

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.



32.0125, 35.8128, 24.9166



33.0082, 35.8128, 58.5989



38.0594, 35.8128, 27.1953

Square

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



33.0082, 35.8128, 58.5989



40.3310, 35.8128, 42.0532



35.0910, 35.8128, 24.3366



28.4380, 35.8128, 36.0870

Rectangle

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



33.0082, 35.8128, 58.5989



38.0691, 35.8128, 53.7634



35.0910, 35.8128, 24.3366



30.3038, 35.8128, 27.2123

Sweetspot

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



33.0093, 35.8142, 58.5997



82.4064, 87.7274, 107.1975



36.2002, 47.8723, 42.1638



17.2832, 18.4277, 22.8959



0.0000, 0.0000, 0.0000



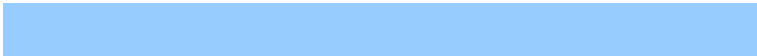
20.3446, 21.4041, 23.3091

Same Dimension

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



33.0093, 35.8142, 58.5997



52.1867, 56.6988, 102.8012



27.8210, 25.4376, 56.8703



10.4941, 11.1623, 13.5189



9.7084, 8.8108, 35.9333



0.5321, 0.5620, 1.7256

Inverse Universe

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



38.1974, 30.9559, 39.5607



63.0584, 47.5526, 62.6726



47.3259, 53.5247, 29.3106



10.8547, 10.7253, 12.2181



16.6997, 8.4294, 8.8944



0.8273, 0.4137, 0.6136

Previews

White Background



This preview shows how the XYZ color 33.0082, 35.8128, 58.5989 looks on a white background.

Color Contrast Check

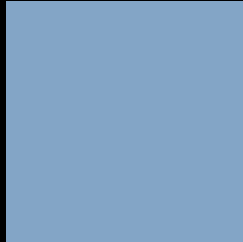
Large Text (above 18pt) WCAG AA × Fail

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 33.0082, 35.8128, 58.5989 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

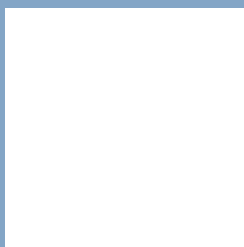
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0082, 35.8128, 58.5989

Background



This preview shows how black text looks on a background with the XYZ color 33.0082, 35.8128, 58.5989.



This preview shows how white text looks on a background with the XYZ color 33.0082, 35.8128,

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

33.0082, 35.8128, 58.5989

Protanopia

35.2726, 35.4636, 56.0250

Deuteranopia

36.5568, 35.7919, 59.6254



Tritanopia

31.0955, 35.8535, 48.9976

Trichromacy



Original Color

33.0082, 35.8128, 58.5989

Protanomaly

34.2722, 35.4496, 56.6659

Deuteranomaly

35.2664, 35.9092, 59.1053

Tritanomaly

31.6904, 35.8145, 52.2563

Monochromacy



Original Color

33.0082, 35.8128, 58.5989

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.6821, 34.8964, 44.5483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0082, 35.8128, 58.5989 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(131, 165, 198)` looks like.

```
.text, #text, p{  
    color:rgb(131, 165, 198)  
}
```

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(131, 165, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 165, 198) }
```

Border

The CSS property to change the border of an element to XYZ 33.0082, 35.8128, 58.5989 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(131, 165, 198) }
```


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

```
.border{ border-color:rgb(131, 165, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 165, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 165, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 165, 198);  
box-shadow:4px 4px 4px 4px rgb(131, 165,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0082, 35.8128, 58.5989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 165, 198) }
```

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

```
.background{ background-color: rgb(131,  
165, 198) }
```

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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