

Converting Colors

XYZ(32.6811, 34.7036, 58.3568)

Have a look what the booklet for
XYZ(32.6811, 34.7036, 58.3568)
contains.

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Color

**XYZ(32.6108, 34.5535,
58.3768)**

Conversions

Conversions Part 1

Format	Color
Hex	85A1C6
RGB	133, 161, 198
RGB Percent	52%, 63%, 78%
CMY	0.4784, 0.3686, 0.2235
CMYK	0.33, 0.19, 0.00, 0.22
HSL	214°, 36%, 65%
HSV	214°, 33%, 78%
XYZ	32.6108, 34.5535, 58.3768
YIQ	156.8460, -28.5650, 5.5710

Conversions

Conversions Part 2

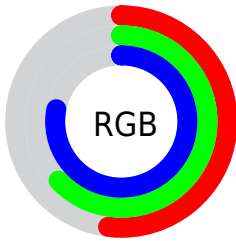
Format	Color
R _Y B	133, 153, 198
Decimal	8757702
CIE Lab	65.40, -0.83, -22.13
CIE LCh	65, 22.148, 267.864
Yxy	34.5535, 0.2598, 0.2752
Android (android.graphics.Color)	4286947782 (0xFF85A1C6)
YUV	156.8460, 20.2889, -20.9129
Hunter-Lab	58.7822, -3.8419, -17.7335

Details

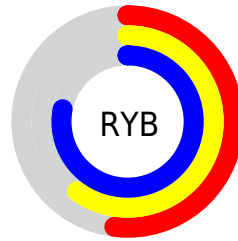
The XYZ color **32.6108, 34.5535, 58.3768** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **41.8977, 42.4493, 28.1767**, and the grayscale version is **31.9005, 33.5618, 36.5488**.

A 20% lighter version of the original color is **63.3449, 67.0231, 104.2059**, and **14.0033, 14.9148, 28.5263** is the 20% darker color. If you saturate the color by 10%, you get **27.8931, 29.3288, 57.6176**, and if you desaturate by 10%, it is **38.0976, 40.4397, 59.2244**.

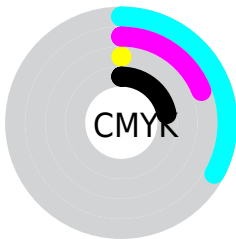
Distribution



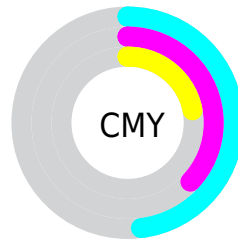
- Red (52%)
- Green (63%)
- Blue (78%)



- Red (52%)
- Yellow (60%)
- Blue (78%)



- Cyan (33%)
- Magenta (19%)
- Yellow (0%)
- Black (22%)



- Cyan (48%)
- Magenta (37%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6108, 34.5535, 58.3768 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 32.6108, 34.5535, 58.3768 by changing the saturation by 10% instead.

■ 32.6108, 34.5535,
58.3768

■ 32.6108, 34.5535,
58.3768

305.5884,
322.5931, 436.2259

■ 21.9863, 23.3191,
41.6949

■ 63.1262, 66.7935,
103.9916

■ 13.9634, 14.8293,
28.5387

■ 83.7477, 88.5679,
133.7615

■ 8.1767, 8.6997,
18.4896

■ 108.4323,
114.6244, 168.7313

■ 4.2610, 4.5458,
11.1290

137.5453,
145.3475, 209.3194

■ 1.8508, 1.9833,
6.0384

171.4520,
181.1215, 255.9444

■ 0.5480, 0.5978,
2.7993

210.5179,

■ 0.0000, 0.0000,

222.3309, 309.0248

0.9931

255.1082,
269.3599, 368.9791

■ 0.0000, 0.0000,
0.0000

■ 32.6108, 34.5535,
58.3768

■ 32.6108, 34.5535,
58.3768

■ 27.8931, 29.3288,
57.6176

■ 38.0976, 40.4397,
59.2244

■ 23.9031, 24.7353,
56.9412

■ 44.3851, 47.0082,
60.1608

■ 20.6008, 20.7456,
56.3452

■ 51.5073, 54.2837,
61.1898

■ 17.9402, 17.3286,
55.8259

■ 59.4951, 62.2883,
62.3138

■ 15.8689, 14.4494,
55.3793

■ 68.3777, 71.0431,
63.5355

■ 14.3252, 12.0678,
55.0010

■ 78.1830, 80.5682,
64.8572

■ 13.4650, 10.6208,
54.7670

■ 82.5629, 87.5968,
65.9830

■ 85.9827, 94.4364,
67.1230

■ 87.1932, 96.8573,
67.5264

Harmonies

Analogous

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



29.6436, 34.5535, 54.8110



32.6108, 34.5535, 58.3768



35.8354, 34.5535, 55.6686

Triad

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



32.6108, 34.5535, 58.3768



38.6529, 34.5535, 29.8970



27.8521, 34.5535, 28.9213

Complementary

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



32.6108, 34.5535, 58.3768



41.8977, 42.4493, 28.1767

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.



30.0202, 34.5535, 23.9709



32.6108, 34.5535, 58.3768



36.2627, 34.5535, 24.4659

Square

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



32.6108, 34.5535, 58.3768



39.4574, 34.5535, 38.2907



33.0744, 34.5535, 22.4829



27.0108, 34.5535, 36.9629

Rectangle

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



32.6108, 34.5535, 58.3768



37.6733, 34.5535, 50.8825



33.0744, 34.5535, 22.4829



28.4426, 34.5535, 26.8936

Sweetspot

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



32.6119, 34.5549, 58.3776



81.8259, 86.5665, 107.0041



37.1078, 48.2715, 45.3101



17.1430, 18.1472, 22.8492



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.



32.6119, 34.5549, 58.3776



51.9570, 54.8104, 102.4488



28.9529, 26.2000, 56.9578



10.4261, 11.0264, 13.4963



8.8380, 7.0699, 35.6432



0.4901, 0.4780, 1.7116

Inverse Universe

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



38.1102, 31.3551, 37.7631



63.2913, 48.9815, 59.7816



46.5911, 53.5076, 30.0638



10.8204, 10.7115, 12.0374



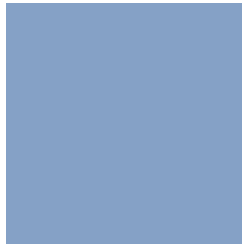
16.2603, 8.2537, 6.5808



0.8061, 0.4053, 0.5020

Previews

White Background



This preview shows how the XYZ color 32.6108, 34.5535, 58.3768 looks on a white background.

Color Contrast Check

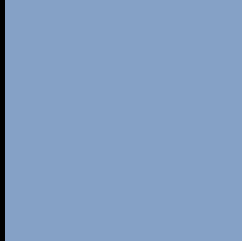
Large Text (above 18pt) WCAG AA × Fail

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 32.6108, 34.5535, 58.3768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

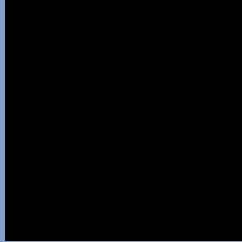
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

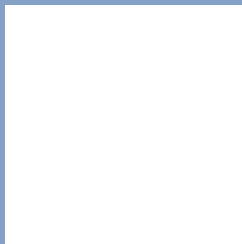
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6108, 34.5535, 58.3768

Background



This preview shows how black text looks on a background with the XYZ color 32.6108, 34.5535, 58.3768.



This preview shows how white text looks on a background with the XYZ color 32.6108, 34.5535,

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

32.6108, 34.5535, 58.3768

Protanopia

34.4850, 34.5381, 56.4787

Deuteranopia

35.1670, 34.3385, 58.8073



Tritanopia

30.3931, 34.7138, 47.2180

Trichromacy



Original Color

32.6108, 34.5535, 58.3768

Protanomaly

33.6923, 34.3685, 57.0826

Deuteranomaly

34.2198, 34.3485, 58.8592

Tritanomaly

31.2383, 34.7995, 50.9695

Monochromacy



Original Color

32.6108, 34.5535, 58.3768

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.8860, 33.7282, 43.8593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6108, 34.5535, 58.3768 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(133, 161, 198)` looks like.

```
.text, #text, p{  
    color:rgb(133, 161, 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(133, 161, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 161, 198) }
```

Border

The CSS property to change the border of an element to XYZ 32.6108, 34.5535, 58.3768 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(133, 161, 198) }
```


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

```
.border{ border-color:rgb(133, 161, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 161, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 161, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 161, 198);  
box-shadow:4px 4px 4px 4px rgb(133, 161,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6108, 34.5535, 58.3768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 161, 198) }
```

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

```
.background{ background-color: rgb(133,  
161, 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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