

Converting Colors

XYZ(32.0961, 35.1898, 82.9658)

Have a look what the booklet for
XYZ(32.0961, 35.1898, 82.9658)
contains.

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Color

**XYZ(32.0548, 35.0519,
82.9181)**

Conversions

Conversions Part 1

Format	Color
Hex	53A6EA
RGB	83, 166, 234
RGB Percent	33%, 65%, 92%
CMY	0.6745, 0.3490, 0.0823
CMYK	0.65, 0.29, 0.00, 0.08
HSL	207°, 78%, 62%
HSV	207°, 65%, 92%
XYZ	32.0548, 35.0519, 82.9181
YIQ	148.9350, -71.2960, 3.5520

Conversions

Conversions Part 2

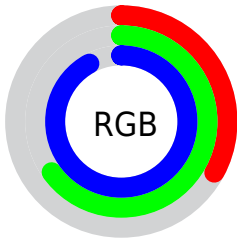
Format	Color
R _Y B	83, 137, 234
Decimal	5482218
CIE Lab	65.79, -4.51, -41.62
CIE LCh	66, 41.866, 263.823
Yxy	35.0519, 0.2137, 0.2336
Android (android.graphics.Color)	4283672298 (0xFF53A6EA)
YUV	148.9350, 41.9370, -57.8250
Hunter-Lab	59.2046, -6.9640, -41.5944

Details

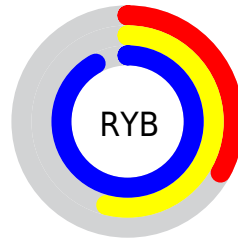
The XYZ color **32.0548, 35.0519, 82.9181** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **46.5616, 40.2532, 13.5011**, and the grayscale version is **28.3921, 29.8707, 32.5291**.

A 20% lighter version of the original color is **55.5835, 64.9526, 104.2153**, and **14.0532, 15.2490, 44.3221** is the 20% darker color. If you saturate the color by 10%, you get **28.4900, 30.4864, 82.2255**, and if you desaturate by 10%, it is **36.4755, 40.2928, 83.6974**.

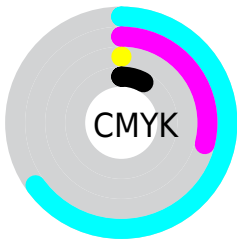
Distribution



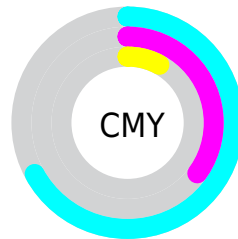
- Red (33%)
- Green (65%)
- Blue (92%)



- Red (33%)
- Yellow (54%)
- Blue (92%)



- Cyan (65%)
- Magenta (29%)
- Yellow (0%)
- Black (8%)



- Cyan (67%)
- Magenta (35%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0548, 35.0519, 82.9181 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 32.0548, 35.0519, 82.9181 by changing the saturation by 10% instead.

■ 32.0548, 35.0519,
82.9181

■ 32.0548, 35.0519,
82.9181

303.1097,
324.7974, 524.6774

■ 21.5591, 23.7029,
61.5824

■ 62.2616, 67.5662,
139.3090

■ 13.6481, 15.1133,
44.2617

■ 82.7034, 89.5002,
175.2012

■ 7.9564, 8.8990,
30.5376

■ 107.1913,
115.7313, 216.7826

■ 4.1186, 4.6753,
19.9915

■ 136.0907,
146.6439, 264.4718

■ 1.7695, 2.0581,
12.2049

169.7668,
182.6224, 318.6874

■ 0.4992, 0.6409,
6.7591

208.5852,

■ 0.0000, 0.0000,

224.0513, 379.8478

3.2358

252.9110,
271.3148, 448.3716

■ 0.0000, 0.0000,
1.2162

■ 0.0000, 0.0000,
0.0000

■ 32.0548, 35.0519,
82.9181

■ 32.0548, 35.0519,
82.9181

■ 28.4900, 30.4864,
82.2255

■ 36.4755, 40.2928,
83.6974

■ 25.7003, 26.5474,
81.6122

■ 41.8151, 46.2452,
84.5649

■ 23.5933, 23.1821,
81.0737

■ 48.1344, 52.9464,
85.5253

■ 22.6515, 21.5408,
80.8065

■ 55.4877, 60.4292,
86.5821

■ 63.9249, 68.7243,
87.7385

■ 73.4926, 77.8604,
88.9977

■ 84.2345, 87.8647,
90.3625

■ 90.3727, 95.7632,
91.5636

■ 91.8514, 98.7206,
92.0565

Harmonies

Analogous

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



26.7891, 35.0519, 72.7055



32.0548, 35.0519, 82.9181



38.3435, 35.0519, 78.4728

Triad

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



32.0548, 35.0519, 82.9181



45.3962, 35.0519, 26.0162



24.6240, 35.0519, 21.4110

Complementary

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



32.0548, 35.0519, 82.9181



46.5616, 40.2532, 13.5011

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.



28.7479, 35.0519, 14.7499



32.0548, 35.0519, 82.9181



40.8248, 35.0519, 16.7770

Square

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



32.0548, 35.0519, 82.9181



46.5643, 35.0519, 41.9416



34.6094, 35.0519, 13.3638



22.8537, 35.0519, 34.6233

Rectangle

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



32.0548, 35.0519, 82.9181



42.2288, 35.0519, 68.3197



34.6094, 35.0519, 13.3638



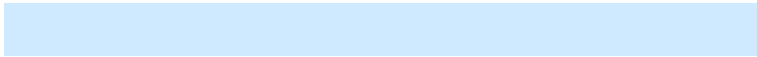
25.7544, 35.0519, 18.5184

Sweetspot

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



32.0561, 35.0531, 82.9190



72.8466, 78.8008, 105.9784



38.5735, 62.9185, 39.3707



14.9698, 16.2527, 22.5980



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.



32.0561, 35.0531, 82.9190



33.5737, 35.6207, 99.7137



22.1230, 15.1870, 79.6080



14.9175, 15.9215, 19.2092



12.8563, 12.3597, 45.4510



1.1054, 1.1623, 3.6010

Inverse Universe

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



43.9091, 26.4338, 38.8653



49.7217, 27.1264, 38.9683



62.8129, 72.7558, 18.9182



15.4119, 15.1926, 17.4545



21.3446, 10.7405, 12.8818



1.7245, 0.8627, 1.2664

Previews

White Background



This preview shows how the XYZ color 32.0548, 35.0519, 82.9181 looks on a white background.

Color Contrast Check

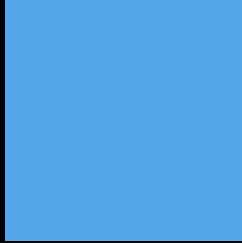
Large Text (above 18pt) WCAG AA × Fail

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 32.0548, 35.0519, 82.9181 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

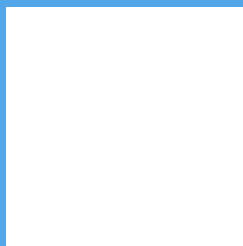
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0548, 35.0519, 82.9181

Background



This preview shows how black text looks on a background with the XYZ color 32.0548, 35.0519, 82.9181.

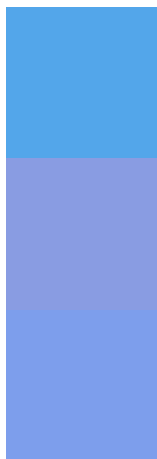


This preview shows how white text looks on a background with the XYZ color 32.0548, 35.0519,

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

32.0548, 35.0519, 82.9181

Protanopia

35.9325, 34.5863, 76.7335

Deuteranopia

35.8246, 34.8698, 84.1993



Tritanopia

26.2602, 35.2336, 53.5608

Trichromacy



Original Color

32.0548, 35.0519, 82.9181

Protanomaly

34.0498, 34.5807, 79.0089

Deuteranomaly

34.1707, 34.8029, 83.5139

Tritanomaly

28.0867, 35.1061, 63.0534

Monochromacy



Original Color

32.0548, 35.0519, 82.9181

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.4170, 31.0980, 47.6848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0548, 35.0519, 82.9181 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(83, 166, 234)` looks like.

```
.text, #text, p{  
    color:rgb(83, 166, 234)  
}
```

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(83, 166, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 166, 234) }
```

Border

The CSS property to change the border of an element to XYZ 32.0548, 35.0519, 82.9181 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(83, 166, 234) }
```


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

```
.border{ border-color:rgb(83, 166, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 166, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 166, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 166, 234);  
box-shadow:4px 4px 4px 4px rgb(83, 166,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0548, 35.0519, 82.9181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 166, 234) }
```

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

```
.background{ background-color: rgb(83, 166,  
234) }
```

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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