

Converting Colors

XYZ(34.1215, 35.7034, 65.4146)

Have a look what the booklet for
XYZ(34.1215, 35.7034, 65.4146)
contains.

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Color

**XYZ(34.1215, 35.7034,
65.4146)**

Conversions

Conversions Part 1

Format	Color
Hex	84A3D1
RGB	132, 163, 209
RGB Percent	52%, 64%, 82%
CMY	0.4823, 0.3608, 0.1804
CMYK	0.37, 0.22, 0.00, 0.18
HSL	216°, 46%, 67%
HSV	216°, 37%, 82%
XYZ	34.1215, 35.7034, 65.4146
YIQ	158.9750, -33.2420, 7.7340

Conversions

Conversions Part 2

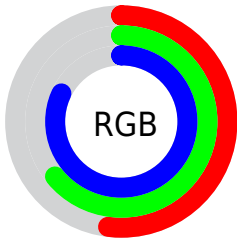
Format	Color
R_{YB}	132, 154, 209
Decimal	8692689
CIE Lab	66.29, 0.65, -26.88
CIE LCh	66, 26.883, 271.382
Yxy	35.7034, 0.2523, 0.2640
Android (android.graphics.Color)	4286882769 (0xFF84A3D1)
YUV	158.9750, 24.6623, -23.6571
Hunter-Lab	59.7523, -2.6343, -23.0818

Details

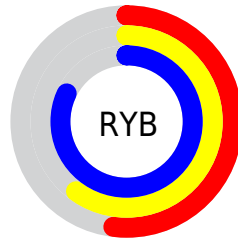
The XYZ color **34.1215, 35.7034, 65.4146** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **46.3804, 47.0626, 28.4704**, and the grayscale version is **32.8459, 34.5565, 37.6320**.

A 20% lighter version of the original color is **63.6149, 67.9276, 104.3662**, and **14.8514, 15.5837, 32.7971** is the 20% darker color. If you saturate the color by 10%, you get **29.0664, 29.9680, 64.5746**, and if you desaturate by 10%, it is **40.0526, 42.2169, 66.3599**.

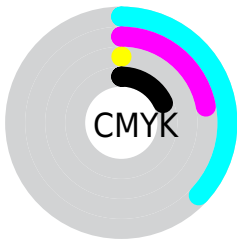
Distribution



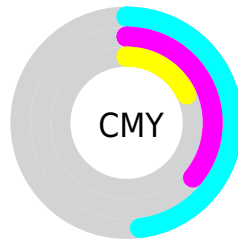
- Red (52%)
- Green (64%)
- Blue (82%)



- Red (52%)
- Yellow (60%)
- Blue (82%)



- Cyan (37%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)



- Cyan (48%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1215, 35.7034, 65.4146 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 34.1215, 35.7034, 65.4146 by changing the saturation by 10% instead.

■ 34.1215, 35.7034,
65.4146

■ 34.1215, 35.7034,
65.4146

312.2499,
327.6623, 462.6273

■ 23.1503, 24.2052,
47.3439

■ 65.4656, 68.5740,
114.2647

■ 14.8258, 15.4859,
32.9513

■ 86.5692, 90.7153,
145.8811

■ 8.7828, 9.1611,
21.8183

■ 111.7810,
117.1730, 182.8499

■ 4.6557, 4.8464,
13.5264

141.4663,
148.3315, 225.5895

■ 2.0794, 2.1574,
7.6571

175.9905,
184.5753, 274.5185

■ 0.6780, 0.6966,
3.7917

215.7189,

■ 0.0000, 0.0000,

226.2888, 330.0554

1.5118

261.0169,
273.8563, 392.6189

■ 0.0000, 0.0000,
0.2267

■ 0.0000, 0.0000,
0.0000

■ 34.1215, 35.7034,
65.4146

■ 34.1215, 35.7034,
65.4146

■ 29.0664, 29.9680,
64.5746

■ 40.0526, 42.2169,
66.3599

■ 24.8380, 24.9735,
63.8335

■ 46.8982, 49.5350,
67.4116

■ 21.3875, 20.6858,
63.1877

■ 54.6987, 57.6879,
68.5741

■ 18.6587, 17.0656,
62.6328

■ 63.4910, 66.7030,
69.8508

■ 16.5867, 14.0686,
62.1635

■ 73.3100, 76.6062,
71.2448

■ 15.0885, 11.6404,
61.7737

■ 83.2989, 86.9638,
72.7175

■ 14.6904, 10.9668,
61.6647

■ 87.0593, 94.4846,
73.9710

■ 88.5087, 97.3835,
74.4542

Harmonies

Analogous

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



30.3720, 35.7034, 61.6781



34.1215, 35.7034, 65.4146



38.1137, 35.7034, 60.9558

Triad

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



34.1215, 35.7034, 65.4146



40.9574, 35.7034, 28.4658



27.6024, 35.7034, 29.2226

Complementary

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



34.1215, 35.7034, 65.4146



46.3804, 47.0626, 28.4704

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.



30.0735, 35.7034, 22.8971



34.1215, 35.7034, 65.4146



37.7663, 35.7034, 22.5245

Square

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



34.1215, 35.7034, 65.4146



42.2477, 35.7034, 38.3442



33.7492, 35.7034, 20.7042



26.7911, 35.7034, 39.4105

Rectangle

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



34.1215, 35.7034, 65.4146



40.3276, 35.7034, 54.3616



33.7492, 35.7034, 20.7042



28.2564, 35.7034, 26.6501

Sweetspot

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



34.1227, 35.7048, 65.4154



80.3582, 84.8336, 106.7469



40.2446, 53.6782, 49.7922



16.8408, 17.7825, 22.7947



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.



34.1227, 35.7048, 65.4154



47.3205, 48.9967, 101.5710



30.3112, 26.5460, 63.8485



11.5488, 12.1878, 14.9875



9.1485, 6.9435, 38.0506



0.5884, 0.5420, 2.1532

Inverse Universe

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



41.1576, 32.7032, 38.7949



60.1066, 44.4746, 52.9781



51.4813, 59.9056, 30.6805



12.0031, 11.8860, 13.2923



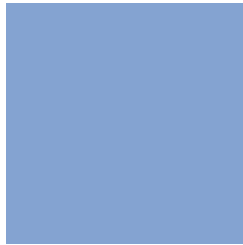
17.2485, 8.7722, 6.2145



1.0032, 0.5060, 0.5519

Previews

White Background



This preview shows how the XYZ color 34.1215, 35.7034, 65.4146 looks on a white background.

Color Contrast Check

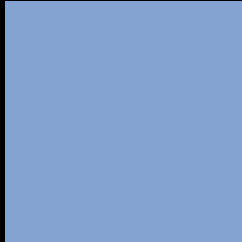
Large Text (above 18pt) WCAG AA × Fail

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 34.1215, 35.7034, 65.4146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

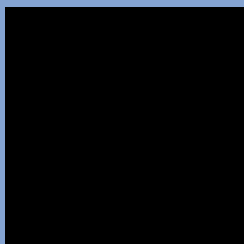
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

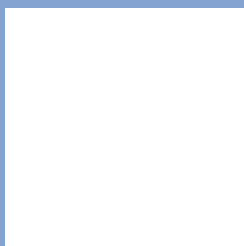
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1215, 35.7034, 65.4146

Background



This preview shows how black text looks on a background with the XYZ color 34.1215, 35.7034, 65.4146.



This preview shows how white text looks on a background with the XYZ color 34.1215, 35.7034,

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

34.1215, 35.7034, 65.4146

Protanopia

35.9331, 35.6421, 63.3782

Deuteranopia

36.4374, 35.5909, 65.9220



Tritanopia

30.8006, 35.7014, 48.9838

Trichromacy



Original Color

34.1215, 35.7034, 65.4146

Protanomaly

35.1610, 35.4862, 64.0278

Deuteranomaly

35.5314, 35.6344, 65.9782

Tritanomaly

31.9423, 35.6232, 54.4826

Monochromacy



Original Color

34.1215, 35.7034, 65.4146

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.9010, 34.7055, 46.5597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1215, 35.7034, 65.4146 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(132, 163, 209)` looks like.

```
.text, #text, p{  
    color:rgb(132, 163, 209)  
}
```

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(132, 163, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 163, 209) }
```

Border

The CSS property to change the border of an element to XYZ 34.1215, 35.7034, 65.4146 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(132, 163, 209) }
```


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

```
.border{ border-color:rgb(132, 163, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 163, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 163, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 163, 209);  
box-shadow:4px 4px 4px 4px rgb(132, 163,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1215, 35.7034, 65.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 163, 209) }
```

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

```
.background{ background-color: rgb(132,  
163, 209) }
```

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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