

Converting Colors

XYZ(34.0986, 34.8376, 64.4355)

Have a look what the booklet for
XYZ(34.0986, 34.8376, 64.4355)
contains.

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Color

**XYZ(34.2725, 35.0140,
64.6265)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 89A0D0 |
| RGB | 137, 160, 208 |
| RGB Percent | 54%, 63%, 82% |
| CMY | 0.4627, 0.3725, 0.1843 |
| CMYK | 0.34, 0.23, 0.00, 0.18 |
| HSL | 221°, 43%, 68% |
| HSV | 221°, 34%, 82% |
| XYZ | 34.2725, 35.0140, 64.6265 |
| YIQ | 158.5950, -29.1160, 10.0520 |

Conversions

Conversions Part 2

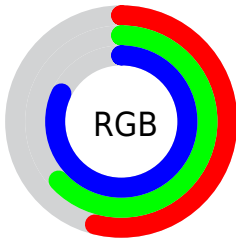
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 137, 154, 208 |
| Decimal | 9019600 |
| CIELab | 65.76, 3.47, -27.11 |
| CIELCh | 66, 27.335, 277.293 |
| Yxy | 35.0140, 0.2559, 0.2615 |
| Android (android.graphics.Color) | 4287209680 (0xFF89A0D0) |
| YUV | 158.5950, 24.3567, -18.9388 |
| Hunter-Lab | 59.1726, -0.1658, -23.3338 |

Details

The XYZ color **34.2725, 35.0140, 64.6265** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.8775, 49.9148, 30.7793**, and the grayscale version is **32.6728, 34.3743, 37.4336**.

A 20% lighter version of the original color is **64.0887, 67.0273, 104.1675**, and **14.8746, 15.1220, 32.2719** is the 20% darker color. If you saturate the color by 10%, you get **28.8846, 28.8206, 63.7156**, and if you desaturate by 10%, it is **40.5958, 42.1004, 65.6617**.

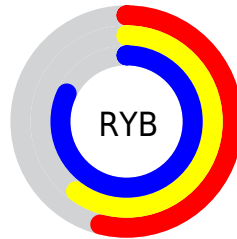
Distribution



Red (54%)

Green (63%)

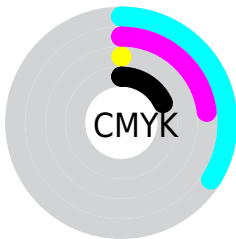
Blue (82%)



Red (54%)

Yellow (60%)

Blue (82%)

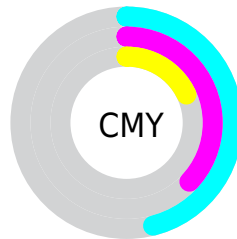


Cyan (34%)

Magenta (23%)

Yellow (0%)

Black (18%)



Cyan (46%)

Magenta (37%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2725, 35.0140, 64.6265 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 34.2725, 35.0140, 64.6265 by changing the saturation by 10% instead.

■ 34.2725, 35.0140,
64.6265

■ 34.2725, 35.0140,
64.6265

312.9100,
324.6301, 459.7180

■ 23.2669, 23.6737,
46.7089

■ 65.6987, 67.5075,
113.1208

■ 14.9125, 15.0917,
32.4529

■ 86.8500, 89.4294,
144.5346

■ 8.8439, 8.8838,
21.4400

■ 112.1139,
115.6472, 181.2842

■ 4.6958, 4.6655,
13.2516

141.8558,
146.5455, 223.7881

■ 2.1028, 2.0523,
7.4693

176.4409,
182.5085, 272.4649

■ 0.6907, 0.6376,
3.6744

216.2348,

■ 0.0000, 0.0000,

223.9207, 327.7331

1.4485

261.6027,
271.1664, 390.0113

■ 0.0000, 0.0000,
0.1791

■ 0.0000, 0.0000,
0.0000

■ 34.2725, 35.0140,
64.6265

■ 34.2725, 35.0140,
64.6265

■ 28.8846, 28.8206,
63.7156

■ 40.5958, 42.1004,
65.6617

■ 24.3814, 23.4784,
62.9218

■ 47.8945, 50.1113,
66.8232

■ 20.7129, 18.9478,
62.2407

■ 56.2106, 59.0812,
68.1163

■ 17.8217, 15.1843,
61.6667

■ 65.5823, 69.0418,
69.5449

■ 15.6429, 12.1381,
61.1935

■ 76.0461, 80.0233,
71.1131

■ 14.0988, 9.7519,
60.8143

■ 85.0888, 90.7411,
72.7052

■ 13.4152, 8.6139,
60.6307

■ 88.3853, 97.3341,
73.8041

Harmonies

Analogous

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



30.3789, 35.0140, 62.4622



34.2725, 35.0140, 64.6265



38.1958, 35.0140, 58.6306

Triad

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



34.2725, 35.0140, 64.6265



39.8287, 35.0140, 26.2035



26.6348, 35.0140, 30.1877

Complementary

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



34.2725, 35.0140, 64.6265



47.8775, 49.9148, 30.7793

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.



28.8047, 35.0140, 23.0620



34.2725, 35.0140, 64.6265



36.3596, 35.0140, 21.1063

Square

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



34.2725, 35.0140, 64.6265



41.5675, 35.0140, 35.3777



32.3064, 35.0140, 20.0851



26.1741, 35.0140, 41.0095

Rectangle

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



34.2725, 35.0140, 64.6265



40.2306, 35.0140, 51.4081



32.3064, 35.0140, 20.0851



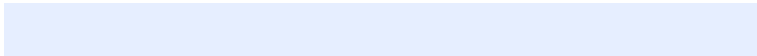
27.1795, 35.0140, 27.3519

Sweetspot

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



34.2737, 35.0154, 64.6273



81.0278, 84.9702, 106.7380



41.5601, 53.9056, 53.7461



16.9505, 17.7623, 22.7850



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.



34.2737, 35.0154, 64.6273



47.9174, 48.1603, 101.3781



32.6960, 28.8206, 63.5148



11.4719, 12.0341, 14.9618



8.4394, 5.5254, 37.8142



0.5435, 0.4521, 2.1382

Inverse Universe

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



41.3042, 33.8405, 37.6139



60.9035, 46.6907, 51.3250



49.8804, 58.6767, 32.3649



11.9643, 11.8705, 13.0881



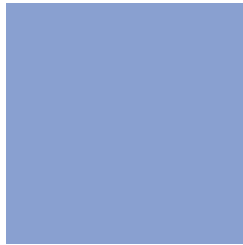
16.8905, 8.6291, 4.3298



0.9805, 0.4969, 0.4324

Previews

White Background



This preview shows how the XYZ color 34.2725, 35.0140, 64.6265 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 34.2725, 35.0140, 64.6265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

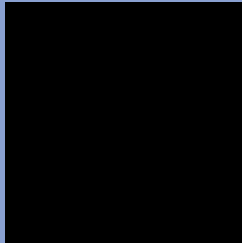
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2725, 35.0140, 64.6265

Background



This preview shows how black text looks on a background with the XYZ color 34.2725, 35.0140, 64.6265.



This preview shows how white text looks on a background with the XYZ color 34.2725, 35.0140,

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

34.2725, 35.0140, 64.6265

Protanopia

35.4001, 35.1130, 63.3042

Deuteranopia

35.7783, 35.0133, 65.1941



Tritanopia

30.7977, 34.9108, 47.7631

Trichromacy



Original Color

34.2725, 35.0140, 64.6265

Protanomaly

34.9883, 35.1409, 63.9703

Deuteranomaly

35.2371, 34.9865, 65.2175

Tritanomaly

32.0643, 34.8986, 53.7613

Monochromacy



Original Color

34.2725, 35.0140, 64.6265

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.0964, 34.5499, 46.5194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2725, 35.0140, 64.6265 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(137, 160, 208)` looks like.

```
.text, #text, p{  
    color:rgb(137, 160, 208)  
}
```

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(137, 160, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 160, 208) }
```

Border

The CSS property to change the border of an element to XYZ 34.2725, 35.0140, 64.6265 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(137, 160, 208) }
```


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

```
.border{ border-color:rgb(137, 160, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 160, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 160, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 160, 208);  
box-shadow:4px 4px 4px 4px rgb(137, 160,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2725, 35.0140, 64.6265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 160, 208) }
```

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

```
.background{ background-color: rgb(137,  
160, 208) }
```

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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