

Converting Colors

XYZ(35.3697, 37.0832, 65.0854)

Have a look what the booklet for
XYZ(35.3697, 37.0832, 65.0854)
contains.

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Color

**XYZ(35.3379, 37.1449,
64.9817)**

Conversions

Conversions Part 1

Format	Color
Hex	89A6D0
RGB	137, 166, 208
RGB Percent	54%, 65%, 82%
CMY	0.4627, 0.3490, 0.1843
CMYK	0.34, 0.20, 0.00, 0.18
HSL	215°, 43%, 68%
HSV	215°, 34%, 82%
XYZ	35.3379, 37.1449, 64.9817
YIQ	162.1170, -30.7660, 6.9140

Conversions

Conversions Part 2

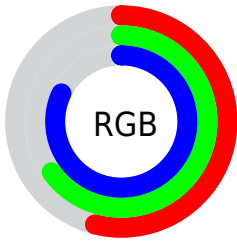
Format	Color
RYB	137, 158, 208
Decimal	9021136
CIELab	67.39, 0.11, -24.62
CIELCh	67, 24.618, 270.259
Yxy	37.1449, 0.2571, 0.2702
Android (android.graphics.Color)	4287211216 (0xFF89A6D0)
YUV	162.1170, 22.6203, -22.0276
Hunter-Lab	60.9466, -3.1592, -20.5528

Details

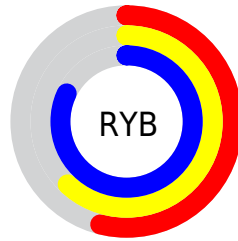
The XYZ color **35.3379, 37.1449, 64.9817** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **46.6485, 47.4567, 30.3694**, and the grayscale version is **34.3061, 36.0927, 39.3050**.

A 20% lighter version of the original color is **65.6447, 70.1394, 104.6861**, and **15.4232, 16.2194, 32.4547** is the 20% darker color. If you saturate the color by 10%, you get **30.1208, 31.2931, 64.1278**, and if you desaturate by 10%, it is **41.4287, 43.7664, 65.9394**.

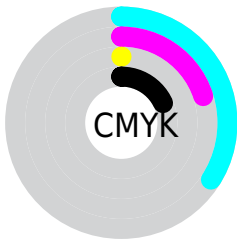
Distribution



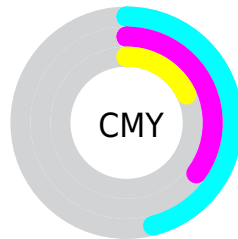
- Red (54%)
- Green (65%)
- Blue (82%)



- Red (54%)
- Yellow (62%)
- Blue (82%)



- Cyan (34%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (46%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3379, 37.1449, 64.9817 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 35.3379, 37.1449, 64.9817 by changing the saturation by 10% instead.

■ 35.3379, 37.1449,
64.9817

■ 35.3379, 37.1449,
64.9817

317.5392,
333.9374, 461.0306

■ 24.0910, 25.3197,
46.9950

■ 67.3395, 70.7956,
113.6366

■ 15.5262, 16.3154,
32.6774

■ 88.8249, 93.3899,
145.1418

■ 9.2783, 9.7476,
21.6103

■ 114.4538,
120.3426, 181.9903

■ 4.9817, 5.2319,
13.3753

144.5917,
152.0383, 224.6006

■ 2.2712, 2.3840,
7.5537

179.6038,
188.8612, 273.3913

■ 0.7798, 0.8176,
3.7271

219.8555,

■ 0.0000, 0.0000,

231.1957, 328.7808

1.4768

265.7122,
279.4263, 391.1877

■ 0.0000, 0.0000,
0.2006

■ 0.0000, 0.0000,
0.0000

■ 35.3379, 37.1449,
64.9817

■ 35.3379, 37.1449,
64.9817

■ 30.1208, 31.2931,
64.1278

■ 41.4287, 43.7664,
65.9394

■ 25.7298, 26.1752,
63.3714

■ 48.4302, 51.1828,
67.0019

■ 22.1183, 21.7586,
62.7092

■ 56.3815, 59.4233,
68.1734

■ 19.2326, 18.0060,
62.1370

■ 65.3183, 68.5140,
69.4571

■ 17.0117, 14.8757,
61.6499

■ 75.2745, 78.4802,
70.8560

■ 15.3825, 12.3192,
61.2423

■ 83.7345, 88.0325,
72.2539

■ 14.6308, 11.0450,
61.0360

■ 87.4768, 95.5172,
73.5013

■ 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.



31.8271, 37.1449, 61.2995



35.3379, 37.1449, 64.9817



39.0884, 37.1449, 61.1757

Triad

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



35.3379, 37.1449, 64.9817



41.9494, 37.1449, 30.8523



29.3733, 37.1449, 30.9883

Complementary

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



35.3379, 37.1449, 64.9817



46.6485, 47.4567, 30.3694

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.



31.7742, 37.1449, 25.0219



35.3379, 37.1449, 64.9817



39.0277, 37.1449, 24.9538

Square

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



35.3379, 37.1449, 64.9817



43.0679, 37.1449, 40.3507



35.2723, 37.1449, 23.0226



28.5361, 37.1449, 40.5384

Rectangle

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



35.3379, 37.1449, 64.9817



41.1825, 37.1449, 55.2347



35.2723, 37.1449, 23.0226



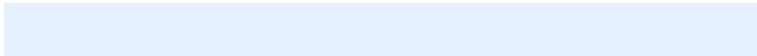
30.0154, 37.1449, 28.5626

Sweetspot

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



35.3391, 37.1463, 64.9826



81.6582, 86.2311, 106.9481



40.9511, 53.6621, 50.5396



17.1025, 18.0663, 22.8357



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.



35.3391, 37.1463, 64.9826



49.8149, 51.9554, 102.0106



31.6451, 28.2787, 63.4656



11.5545, 12.1993, 14.9894



9.2083, 7.0633, 38.0705



0.5921, 0.5493, 2.1544

Inverse Universe

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



41.8420, 34.0555, 40.4460



61.8613, 47.0738, 56.3686



51.4517, 59.4868, 32.4383



12.0060, 11.8872, 13.3076



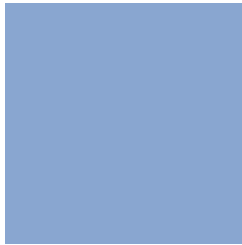
17.2787, 8.7843, 6.3736



1.0051, 0.5067, 0.5615

Previews

White Background



This preview shows how the XYZ color 35.3379, 37.1449, 64.9817 looks on a white background.

Color Contrast Check

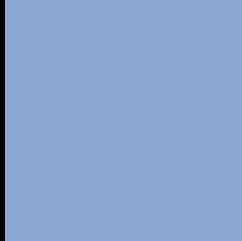
Large Text (above 18pt) WCAG AA × Fail

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 35.3379, 37.1449, 64.9817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

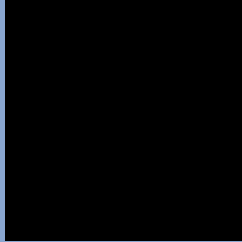
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3379, 37.1449, 64.9817

Background



This preview shows how black text looks on a background with the XYZ color 35.3379, 37.1449, 64.9817.

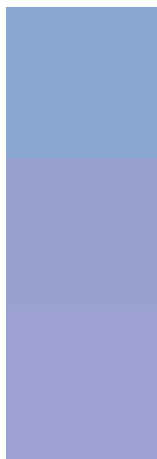


This preview shows how white text looks on a background with the XYZ color 35.3379, 37.1449,

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

35.3379, 37.1449, 64.9817

Protanopia

37.0766, 37.0207, 62.9492

Deuteranopia

37.9638, 37.1611, 65.4935



Tritanopia

32.3865, 37.0354, 50.7890

Trichromacy



Original Color

35.3379, 37.1449, 64.9817

Protanomaly

36.2704, 36.8537, 63.5943

Deuteranomaly

37.0002, 37.1874, 65.5494

Tritanomaly

33.4865, 37.2127, 55.8699

Monochromacy



Original Color

35.3379, 37.1449, 64.9817

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.3707, 36.2214, 47.8277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3379, 37.1449, 64.9817 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, 166, 208)` looks like.

```
.text, #text, p{  
    color:rgb(137, 166, 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, 166, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 166, 208) }
```

Border

The CSS property to change the border of an element to XYZ 35.3379, 37.1449, 64.9817 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, 166, 208) }
```


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

```
.border{ border-color:rgb(137, 166, 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, 166, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 166, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 166, 208);  
box-shadow:4px 4px 4px 4px rgb(137, 166,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3379, 37.1449, 64.9817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 166, 208) }
```

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

```
.background{ background-color: rgb(137,  
166, 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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