

Converting Colors

XYZ(37.1944, 35.5258, 65.7792)

Have a look what the booklet for
XYZ(37.1944, 35.5258, 65.7792)
contains.

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Color

**XYZ(37.2316, 35.4980,
65.8622)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9CD2
RGB	156, 156, 210
RGB Percent	61%, 61%, 82%
CMY	0.3882, 0.3882, 0.1765
CMYK	0.26, 0.26, 0.00, 0.18
HSL	240°, 37%, 72%
HSV	240°, 26%, 82%
XYZ	37.2316, 35.4980, 65.8622
YIQ	162.1560, -17.3340, 16.7940

Conversions

Conversions Part 2

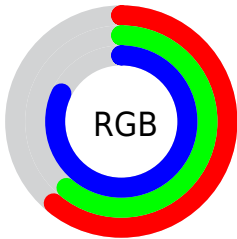
Format	Color
RYB	156, 156, 210
Decimal	10263762
CIELab	66.13, 11.81, -27.53
CIELCh	66, 29.960, 293.225
Yxy	35.4980, 0.2686, 0.2561
Android (android.graphics.Color)	4288453842 (0xFF9C9CD2)
YUV	162.1560, 23.5871, -5.3988
Hunter-Lab	59.5802, 7.2791, -23.8353

Details

The XYZ color **37.2316, 35.4980, 65.8622** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.6261, 62.1953, 40.5267**, and the grayscale version is **34.3154, 36.1025, 39.3156**.

A 20% lighter version of the original color is **67.9606, 67.1621, 103.9894**, and **16.5615, 15.3533, 33.1009** is the 20% darker color. If you saturate the color by 10%, you get **30.2895, 27.1332, 64.6141**, and if you desaturate by 10%, it is **45.4878, 45.4461, 67.3478**.

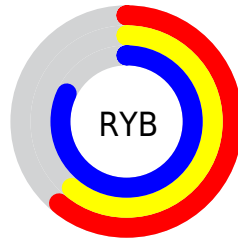
Distribution



Red (61%)

Green (61%)

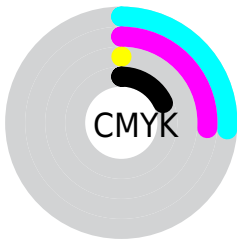
Blue (82%)



Red (61%)

Yellow (61%)

Blue (82%)

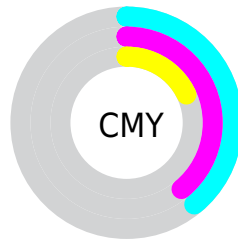


Cyan (26%)

Magenta (26%)

Yellow (0%)

Black (18%)



Cyan (39%)

Magenta (39%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2316, 35.4980, 65.8622 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 37.2316, 35.4980, 65.8622 by changing the saturation by 10% instead.

■ 37.2316, 35.4980,
65.8622

■ 37.2316, 35.4980,
65.8622

325.6503,
326.7610, 464.2747

■ 25.5614, 24.0467,
47.7048

■ 70.2404, 68.2565,
114.9136

■ 16.6267, 15.3683,
33.2348

■ 92.3096, 90.3326,
146.6447

■ 10.0624, 9.0783,
22.0338

118.5759,
116.7191, 183.7375

■ 5.5029, 4.7923,
13.6832

149.4045,
147.8003, 226.6104

■ 2.5830, 2.1259,
7.7644

185.1610,
183.9607, 275.6820

■ 0.9373, 0.6791,
3.8590

226.2105,

■ 0.0000, 0.0000,

225.5847, 331.3709

1.5483

272.9185,
273.0567, 394.0956

■ 0.0000, 0.0000,
0.2535

■ 0.0000, 0.0000,
0.0000

■ 37.2316, 35.4980,
65.8622

■ 37.2316, 35.4980,
65.8622

■ 30.2895, 27.1332,
64.6141

■ 45.4878, 45.4461,
67.3478

■ 24.5904, 20.2663,
63.5890

■ 55.1171, 57.0488,
69.0799

■ 20.0621, 14.8099,
62.7745

■ 66.1794, 70.3780,
71.0696

■ 16.6233, 10.6663,
62.1560

■ 78.7299, 85.5005,
73.3271

■ 14.1823, 7.7251,
61.7169

■ 88.6330, 97.4332,
75.1084

■ 12.6328, 5.8580,
61.4382

■ 11.8434, 4.9068,
61.2962

■ 11.6330, 4.6533,
61.2584

Harmonies

Analogous

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



32.7393, 35.4980, 68.4880



37.2316, 35.4980, 65.8622



41.0765, 35.4980, 55.2766

Triad

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



37.2316, 35.4980, 65.8622



39.1321, 35.4980, 22.1433



25.9286, 35.4980, 35.8288

Complementary

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



37.2316, 35.4980, 65.8622



55.6261, 62.1953, 40.5267

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.



27.3332, 35.4980, 25.7463



37.2316, 35.4980, 65.8622



34.7604, 35.4980, 19.0502

Square

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



37.2316, 35.4980, 65.8622



42.2395, 35.4980, 29.7620



30.4734, 35.4980, 20.2064



26.4644, 35.4980, 49.1547

Rectangle

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



37.2316, 35.4980, 65.8622



42.6235, 35.4980, 46.1727



30.4734, 35.4980, 20.2064



26.1851, 35.4980, 31.9945

Sweetspot

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



37.2328, 35.4994, 65.8630



81.7731, 84.0022, 106.5119



48.2787, 57.7702, 68.9933



17.0031, 17.3779, 22.7081



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.



37.2328, 35.4994, 65.8630



51.4590, 47.4759, 101.0593



42.8373, 38.3884, 66.1253



11.1637, 11.4177, 14.8591



7.0959, 2.8384, 37.3664



0.3968, 0.1587, 2.0893

Inverse Universe

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



44.4685, 39.8799, 36.8078



64.5872, 55.4237, 48.3428



48.7914, 58.6722, 40.2069



11.8088, 11.8083, 12.2689



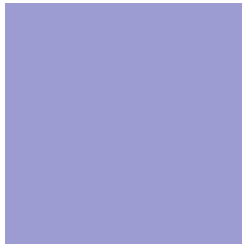
16.2124, 8.3578, 0.7588



0.9065, 0.4673, 0.0424

Previews

White Background



This preview shows how the XYZ color 37.2316, 35.4980, 65.8622 looks on a white background.

Color Contrast Check

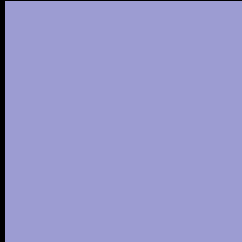
Large Text (above 18pt) WCAG AA × Fail

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 37.2316, 35.4980, 65.8622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

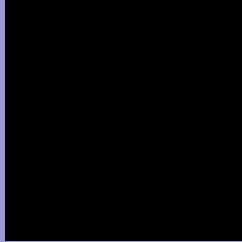
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2316, 35.4980, 65.8622

Background



This preview shows how black text looks on a background with the XYZ color 37.2316, 35.4980, 65.8622.



This preview shows how white text looks on a background with the XYZ color 37.2316, 35.4980,

65.8622.

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

37.2316, 35.4980, 65.8622

Protanopia

36.1359, 35.6607, 67.2660

Deuteranopia

36.4374, 35.5909, 65.9220



Tritanopia

33.0526, 35.3254, 45.6339

Trichromacy



Original Color

37.2316, 35.4980, 65.8622

Protanomaly

36.5624, 35.6409, 66.5804

Deuteranomaly

36.6387, 35.4425, 65.8828

Tritanomaly

34.5968, 35.4479, 52.5956

Monochromacy



Original Color

37.2316, 35.4980, 65.8622

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.2047, 35.8699, 47.7159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2316, 35.4980, 65.8622 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(156, 156, 210)` looks like.

```
.text, #text, p{  
    color:rgb(156, 156, 210)  
}
```

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(156, 156, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 156, 210) }
```

Border

The CSS property to change the border of an element to XYZ 37.2316, 35.4980, 65.8622 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(156, 156, 210) }
```


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

```
.border{ border-color:rgb(156, 156, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 156, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 156, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 156, 210);  
box-shadow:4px 4px 4px 4px rgb(156, 156,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2316, 35.4980, 65.8622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 156, 210) }
```

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

```
.background{ background-color: rgb(156,  
156, 210) }
```

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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