

Converting Colors

XYZ(35.1625, 37.4896, 57.0135)

Have a look what the booklet for
XYZ(35.1625, 37.4896, 57.0135)
contains.

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Color

**XYZ(35.1706, 37.5069,
57.0156)**

Conversions

Conversions Part 1

Format	Color
Hex	90A7C3
RGB	144, 167, 195
RGB Percent	56%, 65%, 76%
CMY	0.4353, 0.3451, 0.2353
CMYK	0.26, 0.14, 0.00, 0.24
HSL	213°, 30%, 66%
HSV	213°, 26%, 76%
XYZ	35.1706, 37.5069, 57.0156
YIQ	163.3150, -22.6960, 3.8320

Conversions

Conversions Part 2

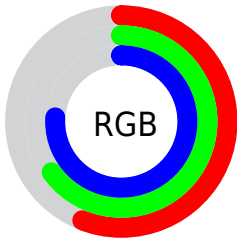
Format	Color
RYB	144, 160, 195
Decimal	9480131
CIELab	67.66, -1.62, -16.97
CIELCh	68, 17.047, 264.544
Yxy	37.5069, 0.2712, 0.2892
Android (android.graphics.Color)	4287670211 (0xFF90A7C3)
YUV	163.3150, 15.6207, -16.9393
Hunter-Lab	61.2429, -4.6659, -12.3275

Details

The XYZ color **35.1706, 37.5069, 57.0156** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **42.2925, 43.1207, 32.4804**, and the grayscale version is **34.8987, 36.7161, 39.9838**.

A 20% lighter version of the original color is **67.2452, 71.4129, 102.3353**, and **15.3521, 16.4599, 27.5672** is the 20% darker color. If you saturate the color by 10%, you get **30.1740, 32.1400, 56.2437**, and if you desaturate by 10%, it is **40.9202, 43.5048, 57.8709**.

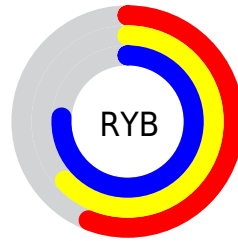
Distribution



Red (56%)

Green (65%)

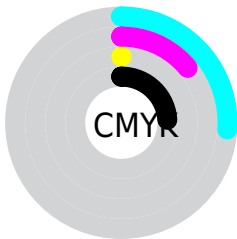
Blue (76%)



Red (56%)

Yellow (63%)

Blue (76%)

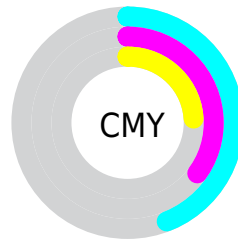


Cyan (26%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (44%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1706, 37.5069, 57.0156 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 35.1706, 37.5069, 57.0156 by changing the saturation by 10% instead.

■ 35.1706, 37.5069,
57.0156

■ 35.1706, 37.5069,
57.0156

316.8155,
335.4999, 431.0031

■ 23.9614, 25.6002,
40.6083

■ 67.0823, 71.3517,
101.9885

■ 15.4296, 16.5248,
27.6958

■ 88.5155, 94.0586,
131.3912

■ 9.2097, 9.8963,
17.8594

114.0874,
121.1344, 165.9628

■ 4.9364, 5.3302,
10.6807

144.1634,
152.9634, 206.1219

■ 2.2444, 2.4423,
5.7411

179.1089,
189.9301, 252.2869

■ 0.7660, 0.8475,
2.6221

219.2892,

■ 0.0000, 0.0000,

232.4188, 304.8764

0.9038

265.0696,
280.8140, 364.3090

■ 0.0000, 0.0000,
0.0000

■ 35.1706, 37.5069,
57.0156

■ 35.1706, 37.5069,
57.0156

■ 30.1740, 32.1400,
56.2437

■ 40.9202, 43.5048,
57.8709

■ 25.8927, 27.3761,
55.5498

■ 47.4512, 50.1513,
58.8096

■ 22.2908, 23.1918,
54.9320

■ 54.7945, 57.4686,
59.8349

■ 19.3279, 19.5597,
54.3871

■ 62.9786, 65.4766,
60.9493

■ 16.9585, 16.4499,
53.9117

■ 72.0302, 74.1942,
62.1549

■ 15.1301, 13.8286,
53.5021

■ 79.7320, 82.4834,
63.3489

■ 13.7773, 11.6546,
53.1538

■ 82.8246, 88.6685,
64.3798

■ 13.3360, 10.9113,
53.0336

■ 86.1037, 95.2267,
65.4728

■ 86.8504, 96.7202,
65.7217

Harmonies

Analogous

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



32.7960, 37.5069, 53.8055



35.1706, 37.5069, 57.0156



37.7909, 37.5069, 55.4772

Triad

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



35.1706, 37.5069, 57.0156



40.4490, 37.5069, 35.1142



31.6873, 37.5069, 33.0017

Complementary

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



35.1706, 37.5069, 57.0156



42.2925, 43.1207, 32.4804

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.



33.5899, 37.5069, 29.0322



35.1706, 37.5069, 57.0156



38.6633, 37.5069, 30.1428

Square

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



35.1706, 37.5069, 57.0156



40.9229, 37.5069, 42.2310



36.1321, 37.5069, 28.0535



30.8492, 37.5069, 39.4772

Rectangle

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



35.1706, 37.5069, 57.0156



39.3147, 37.5069, 52.0525



36.1321, 37.5069, 28.0535



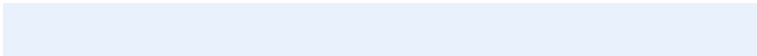
32.2189, 37.5069, 31.3634

Sweetspot

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



35.1718, 37.5084, 57.0165



82.5661, 87.3808, 104.9843



38.3872, 47.9081, 45.8528



17.6777, 18.7269, 22.9329



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.



35.1718, 37.5084, 57.0165



58.0603, 61.9178, 101.3610



31.6251, 29.9710, 55.7485



9.8940, 10.4794, 12.7861



8.7492, 7.2549, 34.4958



0.4468, 0.4509, 1.5134

Inverse Universe

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



39.4549, 34.3395, 41.1097



67.0500, 55.7530, 67.8658



46.6187, 52.4214, 34.0476



10.2578, 10.1517, 11.4481



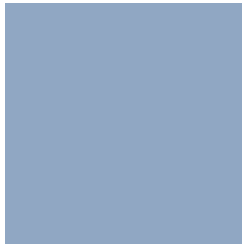
15.8122, 8.0146, 6.9229



0.7179, 0.3602, 0.4818

Previews

White Background



This preview shows how the XYZ color 35.1706, 37.5069, 57.0156 looks on a white background.

Color Contrast Check

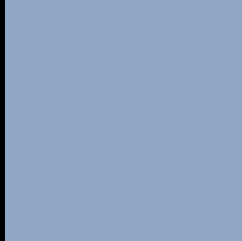
Large Text (above 18pt) WCAG AA × Fail

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 35.1706, 37.5069, 57.0156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

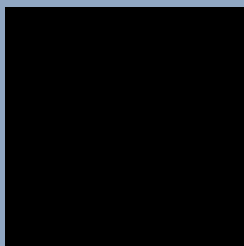
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

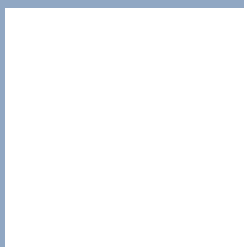
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1706, 37.5069, 57.0156

Background



This preview shows how black text looks on a background with the XYZ color 35.1706, 37.5069, 57.0156.



This preview shows how white text looks on a background with the XYZ color 35.1706, 37.5069,

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

35.1706, 37.5069, 57.0156

Protanopia

36.9097, 37.3711, 55.1372

Deuteranopia

38.2257, 37.4746, 57.4432



Tritanopia

33.7197, 37.4576, 50.2526

Trichromacy



Original Color

35.1706, 37.5069, 57.0156

Protanomaly

36.2275, 37.2712, 55.7367

Deuteranomaly

36.9656, 37.3480, 57.4851

Tritanomaly

34.1276, 37.3439, 52.4231

Monochromacy



Original Color

35.1706, 37.5069, 57.0156

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.7236, 36.7140, 45.8138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1706, 37.5069, 57.0156 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(144, 167, 195)` looks like.

```
.text, #text, p{  
    color:rgb(144, 167, 195)  
}
```

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(144, 167, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 167, 195) }
```

Border

The CSS property to change the border of an element to XYZ 35.1706, 37.5069, 57.0156 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(144, 167, 195) }
```


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

```
.border{ border-color:rgb(144, 167, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 167, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 167, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 167, 195);  
box-shadow:4px 4px 4px 4px rgb(144, 167,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1706, 37.5069, 57.0156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 167, 195) }
```

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

```
.background{ background-color: rgb(144,  
167, 195) }
```

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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