

Converting Colors

XYZ(34.8605, 37.2025, 55.9125)

Have a look what the booklet for
XYZ(34.8605, 37.2025, 55.9125)
contains.

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Color

**XYZ(34.7635, 37.0520,
55.7716)**

Conversions

Conversions Part 1

Format	Color
Hex	90A6C1
RGB	144, 166, 193
RGB Percent	56%, 65%, 76%
CMY	0.4353, 0.3490, 0.2431
CMYK	0.25, 0.14, 0.00, 0.24
HSL	213°, 28%, 66%
HSV	213°, 25%, 76%
XYZ	34.7635, 37.0520, 55.7716
YIQ	162.5000, -21.7790, 3.7330

Conversions

Conversions Part 2

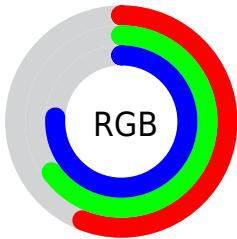
Format	Color
RYB	144, 159, 193
Decimal	9479873
CIELab	67.32, -1.55, -16.37
CIELCh	67, 16.447, 264.601
Yxy	37.0520, 0.2725, 0.2904
Android (android.graphics.Color)	4287669953 (0xFF90A6C1)
YUV	162.5000, 15.0365, -16.2245
Hunter-Lab	60.8704, -4.5805, -11.7144

Details

The XYZ color **34.7635, 37.0520, 55.7716** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **41.5898, 42.4772, 32.3935**, and the grayscale version is **34.5171, 36.3146, 39.5466**.

A 20% lighter version of the original color is **66.5085, 70.6946, 99.7626**, and **15.0911, 16.1740, 26.7526** is the 20% darker color. If you saturate the color by 10%, you get **29.8227, 31.7537, 55.0099**, and if you desaturate by 10%, it is **40.4427, 42.9701, 56.6152**.

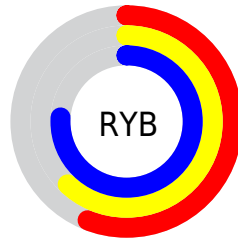
Distribution



Red (56%)

Green (65%)

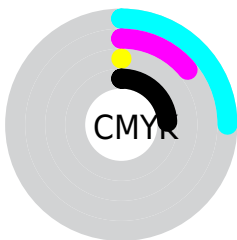
Blue (76%)



Red (56%)

Yellow (62%)

Blue (76%)

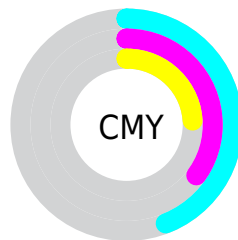


Cyan (25%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (44%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7635, 37.0520, 55.7716 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 34.7635, 37.0520, 55.7716 by changing the saturation by 10% instead.

■ 34.7635, 37.0520,
55.7716

■ 34.7635, 37.0520,
55.7716

315.0495,
333.5356, 426.1943

■ 23.6464, 25.2478,
39.6171

■ 66.4557, 70.6528,
100.1530

■ 15.1949, 16.2617,
26.9286

■ 87.7615, 93.2181,
129.2170

■ 9.0435, 9.7096,
17.2876

113.1942,
120.1392, 163.4212

■ 4.8269, 5.2068,
10.2757

143.1192,
151.8005, 203.1841

■ 2.1798, 2.3691,
5.4741

177.9019,
188.5864, 248.9243

■ 0.7320, 0.8099,
2.4645

217.9077,

■ 0.0000, 0.0000,

230.8813, 301.0604

0.8212

263.5017,
279.0695, 360.0109

■ 0.0000, 0.0000,
0.0000

■ 34.7635, 37.0520,
55.7716

■ 34.7635, 37.0520,
55.7716

■ 29.8227, 31.7537,
55.0099

■ 40.4427, 42.9701,
56.6152

■ 25.5838, 27.0479,
54.3251

■ 46.8879, 49.5250,
57.5407

■ 22.0120, 22.9117,
53.7149

■ 54.1292, 56.7385,
58.5514

■ 19.0679, 19.3186,
53.1766

■ 62.1942, 64.6299,
59.6495

■ 16.7078, 16.2395,
52.7066

■ 71.1090, 73.2178,
60.8373

■ 14.8811, 13.6418,
52.3015

■ 79.1093, 81.5974,
62.0331

■ 13.5267, 11.4867,
51.9569

■ 82.1563, 87.6915,
63.0487

■ 13.0064, 10.6116,
51.8154

■ 85.3870, 94.1527,
64.1256

■ 86.6258, 96.6303,
64.5385

Harmonies

Analogous

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



32.4877, 37.0520, 52.7261



34.7635, 37.0520, 55.7716



37.2698, 37.0520, 54.3001

Triad

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



34.7635, 37.0520, 55.7716



39.8020, 37.0520, 34.8451



31.4181, 37.0520, 32.8368

Complementary

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



34.7635, 37.0520, 55.7716



41.5898, 42.4772, 32.3935

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.



33.2407, 37.0520, 29.0099



34.7635, 37.0520, 55.7716



38.0947, 37.0520, 30.0691

Square

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



34.7635, 37.0520, 55.7716



40.2569, 37.0520, 41.6613



35.6741, 37.0520, 28.0602



30.6160, 37.0520, 39.0535

Rectangle

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



34.7635, 37.0520, 55.7716



38.7247, 37.0520, 51.0362



35.6741, 37.0520, 28.0602



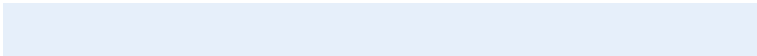
31.9274, 37.0520, 31.2591

Sweetspot

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



34.7646, 37.0535, 55.7724



80.6760, 85.3691, 102.5861



37.9183, 47.0084, 45.5790



16.9247, 17.9263, 21.9534



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.7646, 37.0535, 55.7724



57.6037, 61.4028, 99.1762



31.5341, 29.9502, 54.5716



9.8923, 10.4760, 12.7855



8.7282, 7.2129, 34.4888



0.4458, 0.4490, 1.5131

Inverse Universe

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



38.8495, 34.0382, 40.6004



66.1630, 55.5215, 67.2868



45.4776, 51.1724, 33.8669



10.2570, 10.1514, 11.4437



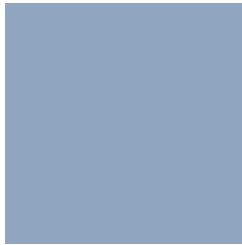
15.8016, 8.0104, 6.8670



0.7174, 0.3600, 0.4793

Previews

White Background



This preview shows how the XYZ color 34.7635, 37.0520, 55.7716 looks on a white background.

Color Contrast Check

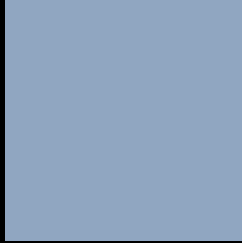
Large Text (above 18pt) WCAG AA × Fail

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 34.7635, 37.0520, 55.7716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

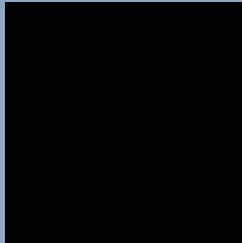
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

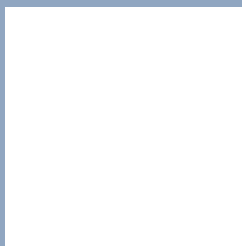
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7635, 37.0520, 55.7716

Background



This preview shows how black text looks on a background with the XYZ color 34.7635, 37.0520, 55.7716.



This preview shows how white text looks on a background with the XYZ color 34.7635, 37.0520,

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

34.7635, 37.0520, 55.7716

Protanopia

36.3151, 36.8275, 53.9096

Deuteranopia

37.6183, 36.9292, 56.1843



Tritanopia

33.4985, 37.0922, 49.1100

Trichromacy



Original Color

34.7635, 37.0520, 55.7716

Protanomaly

35.6380, 36.7283, 54.5012

Deuteranomaly

36.5626, 36.9038, 56.2350

Tritanomaly

33.9034, 36.9799, 51.2499

Monochromacy



Original Color

34.7635, 37.0520, 55.7716

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6257, 36.6748, 45.2984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7635, 37.0520, 55.7716 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, 166, 193) looks like.

```
.text, #text, p{  
    color:rgb(144, 166, 193)  
}
```

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, 166, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 166, 193) }
```

Border

The CSS property to change the border of an element to XYZ 34.7635, 37.0520, 55.7716 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, 166, 193) }
```


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

```
.border{ border-color:rgb(144, 166, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 166, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 166, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 166, 193);  
box-shadow:4px 4px 4px 4px rgb(144, 166,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7635, 37.0520, 55.7716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 166, 193) }
```

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

```
.background{ background-color: rgb(144,  
166, 193) }
```

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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