

Converting Colors

XYZ(37.1765, 37.8096, 65.6602)

Have a look what the booklet for
XYZ(37.1765, 37.8096, 65.6602)
contains.

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Color

**XYZ(37.1765, 37.8096,
65.6602)**

Conversions

Conversions Part 1

Format	Color
Hex	94A5D1
RGB	148, 165, 209
RGB Percent	58%, 65%, 82%
CMY	0.4196, 0.3529, 0.1804
CMYK	0.29, 0.21, 0.00, 0.18
HSL	223°, 40%, 70%
HSV	223°, 29%, 82%
XYZ	37.1765, 37.8096, 65.6602
YIQ	164.9330, -24.2560, 10.0800

Conversions

Conversions Part 2

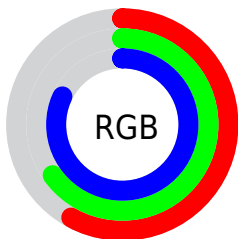
Format	Color
R_{YB}	148, 161, 209
Decimal	9741777
CIE _{Lab}	67.88, 4.11, -24.35
CIE _{LCh}	68, 24.694, 279.581
Yxy	37.8096, 0.2643, 0.2688
Android (android.graphics.Color)	4287931857 (0xFF94A5D1)
YUV	164.9330, 21.7250, -14.8502
Hunter-Lab	61.4895, 0.3143, -20.2688

Details

The XYZ color **37.1765, 37.8096, 65.6602** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.4901, 53.3932, 35.6630**, and the grayscale version is **35.6406, 37.4966, 40.8338**.

A 20% lighter version of the original color is **68.2718, 71.1029, 104.7337**, and **16.5617, 16.6301, 32.9089** is the 20% darker color. If you saturate the color by 10%, you get **31.1713, 30.9132, 64.6462**, and if you desaturate by 10%, it is **44.1872, 45.7020, 66.8147**.

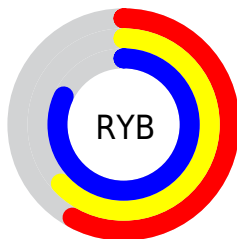
Distribution



Red (58%)

Green (65%)

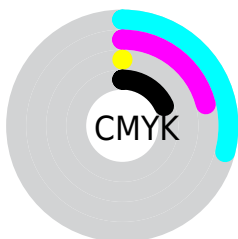
Blue (82%)



Red (58%)

Yellow (63%)

Blue (82%)

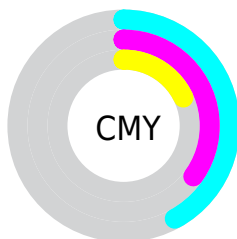


Cyan (29%)

Magenta (21%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (35%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1765, 37.8096, 65.6602 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 37.1765, 37.8096, 65.6602 by changing the saturation by 10% instead.

■ 37.1765, 37.8096,
65.6602

■ 37.1765, 37.8096,
65.6602

325.4163,
336.8025, 463.5317

■ 25.5185, 25.8349,
47.5419

■ 70.1562, 71.8162,
114.6208

■ 16.5945, 16.7002,
33.1068

■ 92.2086, 94.6170,
146.3002

■ 10.0393, 10.0210,
21.9365

118.4566,
121.7952, 183.3371

■ 5.4875, 5.4129,
13.6124

149.2654,
153.7353, 226.1499

■ 2.5737, 2.4915,
7.7159

185.0004,
190.8217, 275.1572

■ 0.9326, 0.8724,
3.8286

226.0270,

■ 0.0000, 0.0000,

233.4388, 330.7776

1.5318

272.7105,
281.9709, 393.4295

■ 0.0000, 0.0000,
0.2414

■ 0.0000, 0.0000,
0.0000

■ 37.1765, 37.8096,
65.6602

■ 37.1765, 37.8096,
65.6602

■ 31.1713, 30.9132,
64.6462

■ 44.1872, 45.7020,
66.8147

■ 26.1202, 24.9670,
63.7647

■ 52.2443, 54.6244,
68.1123

■ 21.9724, 19.9285,
63.0108

■ 61.3909, 64.6148,
69.5585

■ 18.6707, 15.7497,
62.3782

■ 71.6663, 75.7079,
71.1581

■ 16.1510, 12.3776,
61.8601

■ 83.1080, 87.9367,
72.9155

■ 14.3389, 9.7526,
61.4490

■ 88.5088, 97.3835,
74.4543

■ 13.1186, 7.7917,
61.1348

■ 13.0344, 7.6548,
61.1128

Harmonies

Analogous

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



33.4286, 37.8096, 64.2630



37.1765, 37.8096, 65.6602



40.8359, 37.8096, 59.6544

Triad

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



37.1765, 37.8096, 65.6602



41.9161, 37.8096, 29.1401



29.4683, 37.8096, 34.2405

Complementary

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



37.1765, 37.8096, 65.6602



50.4901, 53.3932, 35.6630

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.



31.4463, 37.8096, 26.9600



37.1765, 37.8096, 65.6602



38.5676, 37.8096, 24.3986

Square

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



37.1765, 37.8096, 65.6602



43.6977, 37.8096, 37.7569



34.7251, 37.8096, 23.6785



29.1541, 37.8096, 44.7790

Rectangle

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



37.1765, 37.8096, 65.6602



42.6681, 37.8096, 52.7954



34.7251, 37.8096, 23.6785



29.9536, 37.8096, 31.3873

Sweetspot

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



37.1777, 37.8111, 65.6611



82.0496, 85.7934, 106.8431



44.4972, 55.6909, 58.1098



17.1409, 17.8999, 22.8016



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.



37.1777, 37.8111, 65.6611



52.2725, 52.3979, 101.9665



36.8412, 33.3841, 64.8243



11.4281, 11.9464, 14.9472



8.1086, 4.8638, 37.7039



0.5207, 0.4067, 2.1306

Inverse Universe

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



43.6770, 37.4529, 40.5259



64.1935, 52.1867, 55.7634



50.8552, 59.4466, 36.8121



11.9422, 11.8616, 12.9715



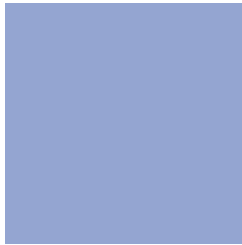
16.7236, 8.5623, 3.4506



0.9691, 0.4923, 0.3719

Previews

White Background



This preview shows how the XYZ color 37.1765, 37.8096, 65.6602 looks on a white background.

Color Contrast Check

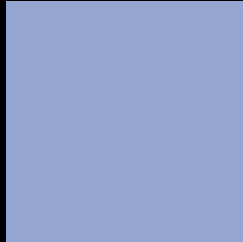
Large Text (above 18pt) WCAG AA × Fail

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 37.1765, 37.8096, 65.6602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

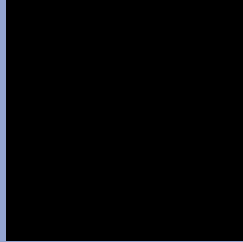
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1765, 37.8096, 65.6602

Background



This preview shows how black text looks on a background with the XYZ color 37.1765, 37.8096, 65.6602.



This preview shows how white text looks on a background with the XYZ color 37.1765, 37.8096,

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

37.1765, 37.8096, 65.6602

Protanopia

37.8088, 37.6185, 64.9429

Deuteranopia

38.6537, 37.7629, 66.2245



Tritanopia

34.2497, 38.0080, 50.3309

Trichromacy



Original Color

37.1765, 37.8096, 65.6602

Protanomaly

37.6095, 37.7804, 64.9846

Deuteranomaly

38.0565, 37.7176, 66.2472

Tritanomaly

35.1941, 37.8308, 55.3163

Monochromacy



Original Color

37.1765, 37.8096, 65.6602

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.0937, 37.6174, 49.0746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1765, 37.8096, 65.6602 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(148, 165, 209)` looks like.

```
.text, #text, p{  
    color:rgb(148, 165, 209)  
}
```

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(148, 165, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 165, 209) }
```

Border

The CSS property to change the border of an element to XYZ 37.1765, 37.8096, 65.6602 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(148, 165, 209) }
```


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

```
.border{ border-color:rgb(148, 165, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 165, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 165, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 165, 209);  
box-shadow:4px 4px 4px 4px rgb(148, 165,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1765, 37.8096, 65.6602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 165, 209) }
```

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

```
.background{ background-color: rgb(148,  
165, 209) }
```

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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