

Converting Colors

XYZ(36.1596, 36.5057, 64.8150)

Have a look what the booklet for
XYZ(36.1596, 36.5057, 64.8150)
contains.

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Color

**XYZ(36.1596, 36.5057,
64.8150)**

Conversions

Conversions Part 1

Format	Color
Hex	92A2D0
RGB	146, 162, 208
RGB Percent	57%, 64%, 82%
CMY	0.4274, 0.3647, 0.1843
CMYK	0.30, 0.22, 0.00, 0.18
HSL	225°, 40%, 69%
HSV	225°, 30%, 82%
XYZ	36.1596, 36.5057, 64.8150
YIQ	162.4600, -24.3020, 10.9140

Conversions

Conversions Part 2

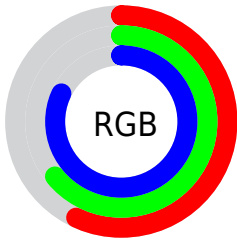
Format	Color
R_{YB}	146, 159, 208
Decimal	9609936
CIE _{Lab}	66.90, 4.95, -25.30
CIE _{LCh}	67, 25.783, 281.069
Yxy	36.5057, 0.2630, 0.2655
Android (android.graphics.Color)	4287800016 (0xFF92A2D0)
YUV	162.4600, 22.4512, -14.4354
Hunter-Lab	60.4199, 1.0922, -21.3089

Details

The XYZ color **36.1596, 36.5057, 64.8150** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.0512, 53.1853, 34.8232**, and the grayscale version is **34.4654, 36.2603, 39.4875**.

A 20% lighter version of the original color is **66.9502, 69.2632, 104.4482**, and **16.0503, 16.0485, 32.3887** is the 20% darker color. If you saturate the color by 10%, you get **30.2395, 29.6636, 63.8070**, and if you desaturate by 10%, it is **43.0884, 44.3647, 65.9674**.

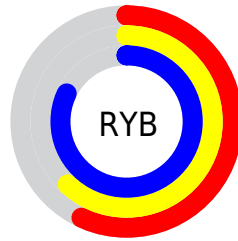
Distribution



Red (57%)

Green (64%)

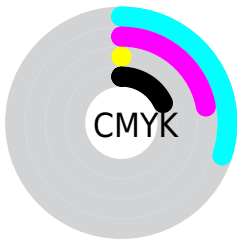
Blue (82%)



Red (57%)

Yellow (62%)

Blue (82%)

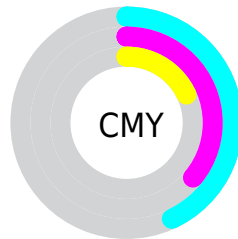


Cyan (30%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (43%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1596, 36.5057, 64.8150 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 36.1596, 36.5057, 64.8150 by changing the saturation by 10% instead.

■ 36.1596, 36.5057,
64.8150

■ 36.1596, 36.5057,
64.8150

321.0767,
331.1655, 460.4149

■ 24.7282, 24.8250,
46.8607

■ 68.6006, 69.8119,
113.3946

■ 16.0023, 15.9467,
32.5720

■ 90.3409, 92.2062,
144.8569

■ 9.6166, 9.4865,
21.5303

116.2481,
118.9405, 181.6590

■ 5.2058, 5.0598,
13.3172

146.6877,
150.3991, 224.2194

■ 2.4045, 2.2824,
7.5140

182.0250,
186.9666, 272.9567

■ 0.8474, 0.7644,
3.7023

222.6254,

■ 0.0000, 0.0000,

229.0272, 328.2893

1.4635

268.8541,
276.9654, 390.6358

■ 0.0000, 0.0000,
0.1905

■ 0.0000, 0.0000,
0.0000

■ 36.1596, 36.5057,
64.8150

■ 36.1596, 36.5057,
64.8150

■ 30.2395, 29.6636,
63.8070

■ 43.0884, 44.3647,
65.9674

■ 25.2760, 23.7912,
62.9351

■ 51.0674, 53.2765,
67.2670

■ 21.2176, 18.8439,
62.1941

■ 60.1403, 63.2806,
68.7198

■ 18.0061, 14.7714,
61.5773

■ 70.3470, 74.4129,
70.3306

■ 15.5763, 11.5186,
61.0775

■ 81.7255, 86.7079,
72.1040

■ 13.8523, 9.0226,
60.6866

■ 88.2566, 97.0768,
73.7612

■ 12.7085, 7.1930,
60.3937

■ 88.3853, 97.3341,
73.8041

■ 12.6896, 7.1627,
60.3889

Harmonies

Analogous

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



32.3176, 36.5057, 63.7633



36.1596, 36.5057, 64.8150



39.8693, 36.5057, 58.2700

Triad

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



36.1596, 36.5057, 64.8150



40.6734, 36.5057, 27.2259



28.0672, 36.5057, 33.1707

Complementary

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



36.1596, 36.5057, 64.8150



50.0512, 53.1853, 34.8232

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.



29.9936, 36.5057, 25.6375



36.1596, 36.5057, 64.8150



37.1916, 36.5057, 22.6766

Square

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



36.1596, 36.5057, 64.8150



42.6025, 36.5057, 35.7602



33.2755, 36.5057, 22.1556



27.8364, 36.5057, 44.0228

Rectangle

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



36.1596, 36.5057, 64.8150



41.6946, 36.5057, 51.0881



33.2755, 36.5057, 22.1556



28.5307, 36.5057, 30.2248

Sweetspot

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



36.1608, 36.5071, 64.8158



81.9115, 85.5174, 106.7970



43.8663, 55.0058, 57.8660



17.1071, 17.8323, 22.7903



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.



36.1608, 36.5071, 64.8158



50.9424, 50.5220, 101.6745



36.2559, 32.6349, 64.0634



11.4082, 11.9066, 14.9406



7.9756, 4.5978, 37.6596



0.5111, 0.3874, 2.1274

Inverse Universe

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



42.8139, 36.5775, 38.9875



63.3307, 51.1087, 53.4796



49.8736, 58.5955, 35.8769



11.9322, 11.8576, 12.9186



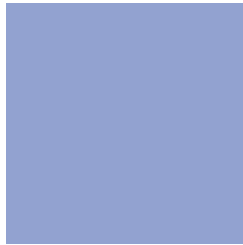
16.6564, 8.5354, 3.0970



0.9642, 0.4904, 0.3463

Previews

White Background



This preview shows how the XYZ color 36.1596, 36.5057, 64.8150 looks on a white background.

Color Contrast Check

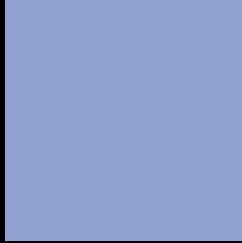
Large Text (above 18pt) WCAG AA × Fail

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 36.1596, 36.5057, 64.8150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

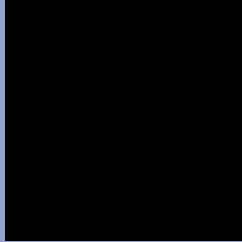
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1596, 36.5057, 64.8150

Background



This preview shows how black text looks on a background with the XYZ color 36.1596, 36.5057, 64.8150.



This preview shows how white text looks on a background with the XYZ color 36.1596, 36.5057,

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

36.1596, 36.5057, 64.8150

Protanopia

36.7699, 36.5740, 64.1530

Deuteranopia

37.4059, 36.6151, 65.4175



Tritanopia

32.8722, 36.5082, 48.4943

Trichromacy



Original Color

36.1596, 36.5057, 64.8150

Protanomaly

36.4018, 36.3843, 64.1358

Deuteranomaly

37.0160, 36.6725, 65.4491

Tritanomaly

33.9047, 36.3788, 53.9500

Monochromacy



Original Color

36.1596, 36.5057, 64.8150

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.7673, 36.1633, 47.7956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1596, 36.5057, 64.8150 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(146, 162, 208)` looks like.

```
.text, #text, p{  
    color:rgb(146, 162, 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(146, 162, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 162, 208) }
```

Border

The CSS property to change the border of an element to XYZ 36.1596, 36.5057, 64.8150 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(146, 162, 208) }
```


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

```
.border{ border-color:rgb(146, 162, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 162, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 162, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 162, 208);  
box-shadow:4px 4px 4px 4px rgb(146, 162,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1596, 36.5057, 64.8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 162, 208) }
```

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

```
.background{ background-color: rgb(146,  
162, 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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