

Converting Colors

XYZ(34.1026, 36.4418, 51.8648)

Have a look what the booklet for
XYZ(34.1026, 36.4418, 51.8648)
contains.

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Color

**XYZ(34.1721, 36.5664,
51.7113)**

Conversions

Conversions Part 1

Format	Color
Hex	92A5BA
RGB	146, 165, 186
RGB Percent	57%, 65%, 73%
CMY	0.4274, 0.3529, 0.2706
CMYK	0.22, 0.11, 0.00, 0.27
HSL	211°, 22%, 65%
HSV	211°, 22%, 73%
XYZ	34.1721, 36.5664, 51.7113
YIQ	161.7130, -18.0650, 2.5030

Conversions

Conversions Part 2

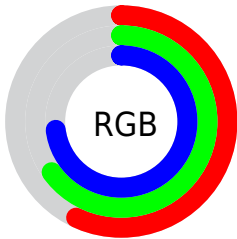
Format	Color
RYB	146, 159, 186
Decimal	9610682
CIELab	66.95, -2.01, -13.02
CIElCh	67, 13.177, 261.221
Yxy	36.5664, 0.2791, 0.2986
Android (android.graphics.Color)	4287800762 (0xFF92A5BA)
YUV	161.7130, 11.9735, -13.7803
Hunter-Lab	60.4702, -4.9512, -8.3730

Details

The XYZ color **34.1721, 36.5664, 51.7113** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2571, 40.1519, 32.8760**, and the grayscale version is **34.1612, 35.9402, 39.1389**.

A 20% lighter version of the original color is **65.4396, 69.8766, 94.0429**, and **14.8581, 15.9366, 24.4833** is the 20% darker color. If you saturate the color by 10%, you get **29.4366, 31.6106, 51.0049**, and if you desaturate by 10%, it is **39.5822, 42.0715, 52.4893**.

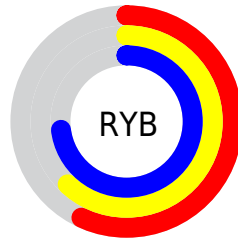
Distribution



Red (57%)

Green (65%)

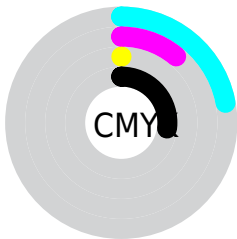
Blue (73%)



Red (57%)

Yellow (62%)

Blue (73%)

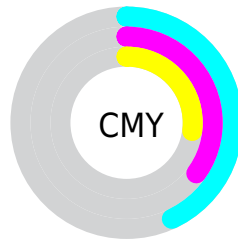


Cyan (22%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (43%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1721, 36.5664, 51.7113 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 34.1721, 36.5664, 51.7113 by changing the saturation by 10% instead.

■ 34.1721, 36.5664,
51.7113

■ 34.1721, 36.5664,
51.7113

312.4712,
331.4294, 410.2462

■ 23.1894, 24.8720,
36.3944

■ 65.5437, 69.9054,
94.1276

■ 14.8549, 15.9817,
24.4468

■ 86.6633, 92.3187,
122.0640

■ 8.8032, 9.5112,
15.4501

111.8926,
119.0738, 155.0439

■ 4.6691, 5.0761,
8.9858

141.5968,
150.5551, 193.4860

■ 2.0872, 2.2920,
4.6352

176.1415,
187.1469, 237.8088

■ 0.6823, 0.7695,
1.9799

215.8918,

■ 0.0000, 0.0000,

229.2336, 288.4307

0.5429

261.2133,
277.1997, 345.7703

■ 0.0000, 0.0000,
0.0000

■ 34.1721, 36.5664,
51.7113

■ 34.1721, 36.5664,
51.7113

■ 29.4366, 31.6106,
51.0049

■ 39.5822, 42.0715,
52.4893

■ 25.3435, 27.1801,
50.3655

■ 45.6908, 48.1397,
53.3387

■ 21.8626, 23.2560,
49.7915

■ 52.5245, 54.7897,
54.2621

■ 18.9599, 19.8157,
49.2805

■ 60.1074, 62.0381,
55.2615

■ 16.5977, 16.8350,
48.8296

■ 68.4627, 69.9007,
56.3388

■ 14.7333, 14.2866,
48.4360

■ 76.6483, 77.8957,
57.4505

■ 13.3161, 12.1392,
48.0962

■ 79.3419, 83.2830,
58.3484

■ 12.3823, 10.5837,
47.8452

■ 82.1887, 88.9765,
59.2973

■ 85.1908, 94.9808,
60.2980

Harmonies

Analogous

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



32.4037, 36.5664, 49.0249



34.1721, 36.5664, 51.7113



36.1649, 36.5664, 50.9799

Triad

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



34.1721, 36.5664, 51.7113



38.4619, 36.5664, 35.9624



31.8449, 36.5664, 33.3120

Complementary

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



34.1721, 36.5664, 51.7113



39.2571, 40.1519, 32.8760

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.



33.3828, 36.5664, 30.4116



34.1721, 36.5664, 51.7113



37.2180, 36.5664, 31.8367

Square

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



34.1721, 36.5664, 51.7113



38.6930, 36.5664, 41.5179



35.3450, 36.5664, 29.8986



31.0942, 36.5664, 38.1585

Rectangle

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



34.1721, 36.5664, 51.7113



37.3495, 36.5664, 48.6793



35.3450, 36.5664, 29.8986



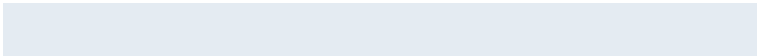
32.2840, 36.5664, 32.0972

Sweetspot

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



34.1732, 36.5679, 51.7121



77.5687, 82.0724, 95.9547



36.3580, 44.0072, 42.9766



16.9222, 17.9151, 21.1086



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.1732, 36.5679, 51.7121



57.5624, 61.7333, 93.0833



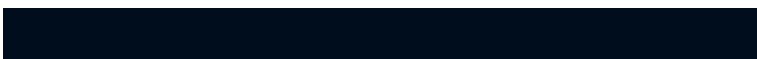
31.1155, 30.2761, 50.6588



8.8635, 9.4043, 11.4275



8.4044, 7.2684, 32.2131



0.3583, 0.3803, 1.1563

Inverse Universe

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



37.3210, 33.7144, 40.1394



64.4087, 55.8807, 67.8336



42.8359, 47.5496, 34.1153



9.1775, 9.0814, 10.2819



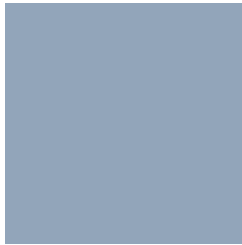
14.8558, 7.5161, 7.1275



0.5550, 0.2775, 0.4162

Previews

White Background



This preview shows how the XYZ color 34.1721, 36.5664, 51.7113 looks on a white background.

Color Contrast Check

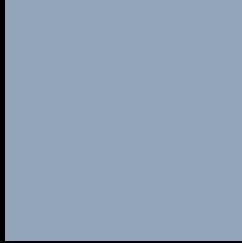
Large Text (above 18pt) WCAG AA × Fail

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 34.1721, 36.5664, 51.7113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

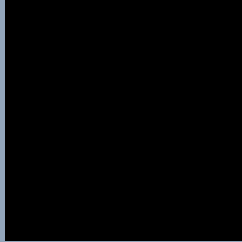
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.1721, 36.5664, 51.7113

Background



This preview shows how black text looks on a background with the XYZ color 34.1721, 36.5664, 51.7113.



This preview shows how white text looks on a background with the XYZ color 34.1721, 36.5664,

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

34.1721, 36.5664, 51.7113

Protanopia

35.6947, 36.3214, 50.4768

Deuteranopia

37.3041, 36.5996, 52.1120



Tritanopia

33.4500, 36.5469, 47.9391

Trichromacy



Original Color

34.1721, 36.5664, 51.7113

Protanomaly

35.0037, 36.2135, 51.0439

Deuteranomaly

36.0126, 36.4485, 52.1509

Tritanomaly

33.7568, 36.6696, 49.5547

Monochromacy



Original Color

34.1721, 36.5664, 51.7113

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.1582, 36.2026, 43.7155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1721, 36.5664, 51.7113 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, 165, 186) looks like.

```
.text, #text, p{  
    color:rgb(146, 165, 186)  
}
```

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, 165, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 165, 186) }
```

Border

The CSS property to change the border of an element to XYZ 34.1721, 36.5664, 51.7113 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, 165, 186) }
```


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

```
.border{ border-color:rgb(146, 165, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 165, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 165, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 165, 186);  
box-shadow:4px 4px 4px 4px rgb(146, 165,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1721, 36.5664, 51.7113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 165, 186) }
```

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

```
.background{ background-color: rgb(146,  
165, 186) }
```

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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