

Converting Colors

XYZ(31.5823, 33.5233, 54.1066)

Have a look what the booklet for
XYZ(31.5823, 33.5233, 54.1066)
contains.

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Color

**XYZ(31.6336, 33.6262,
54.1134)**

Conversions

Conversions Part 1

Format	Color
Hex	869FBF
RGB	134, 159, 191
RGB Percent	53%, 62%, 75%
CMY	0.4745, 0.3765, 0.2510
CMYK	0.30, 0.17, 0.00, 0.25
HSL	214°, 31%, 64%
HSV	214°, 30%, 75%
XYZ	31.6336, 33.6262, 54.1134
YIQ	155.1730, -25.1720, 4.6520

Conversions

Conversions Part 2

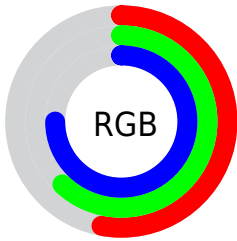
Format	Color
RYB	134, 151, 191
Decimal	8822719
CIELab	64.66, -1.19, -19.34
CIELCh	65, 19.380, 266.479
Yxy	33.6262, 0.2650, 0.2817
Android (android.graphics.Color)	4287012799 (0xFF869FBF)
YUV	155.1730, 17.6627, -18.5687
Hunter-Lab	57.9881, -4.1041, -14.7366

Details

The XYZ color **31.6336, 33.6262, 54.1134** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **39.4256, 40.0703, 28.2115**, and the grayscale version is **31.1654, 32.7884, 35.7065**.

A 20% lighter version of the original color is **61.5741, 65.4999, 97.3931**, and **13.5173, 14.3991, 26.1116** is the 20% darker color. If you saturate the color by 10%, you get **27.0955, 28.6679, 53.3961**, and if you desaturate by 10%, it is **36.8836, 39.1906, 54.9113**.

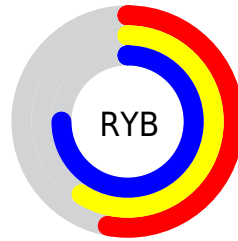
Distribution



Red (53%)

Green (62%)

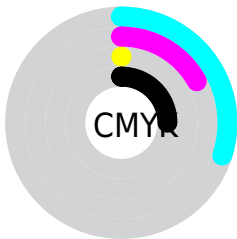
Blue (75%)



Red (53%)

Yellow (59%)

Blue (75%)

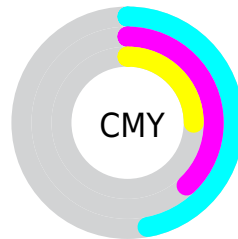


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (38%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6336, 33.6262, 54.1134 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 31.6336, 33.6262, 54.1134 by changing the saturation by 10% instead.

■ 31.6336, 33.6262,
54.1134

■ 31.6336, 33.6262,
54.1134

301.2218,
318.4621, 419.7291

■ 21.2360, 22.6066,
38.2985

■ 61.6053, 65.3520,
97.6988

■ 13.4100, 14.3033,
25.9108

■ 81.9101, 86.8269,
126.3064

■ 7.7905, 8.3319,
16.5318

■ 106.2481,
112.5557, 160.0154

■ 4.0118, 4.3081,
9.7428

134.9845,
142.9228, 199.2442

■ 1.7088, 1.8473,
5.1254

168.4847,
178.3126, 244.4115

■ 0.4618, 0.5164,
2.2610

207.1141,

■ 0.0000, 0.0000,

219.1095, 295.9357

0.7093

251.2380,
265.6978, 354.2354

■ 0.0000, 0.0000,
0.0000

■ 31.6336, 33.6262,
54.1134

■ 31.6336, 33.6262,
54.1134

■ 27.0955, 28.6679,
53.3961

■ 36.8836, 39.1906,
54.9113

■ 23.2324, 24.2882,
52.7544

■ 42.8737, 45.3789,
55.7901

■ 20.0089, 20.4635,
52.1860

■ 49.6341, 52.2132,
56.7529

■ 17.3844, 17.1663,
51.6879

■ 57.1926, 59.7132,
57.8022

■ 15.3136, 14.3663,
51.2566

■ 65.5754, 67.8976,
58.9401

■ 13.7430, 12.0290,
50.8882

■ 74.8076, 76.7844,
60.1688

■ 12.5740, 10.0959,
50.5767

■ 80.0839, 83.9014,
61.2644

■ 12.5571, 10.0677,
50.5722

■ 83.2306, 90.1948,
62.3133

■ 86.4041, 96.5416,
63.3712

Harmonies

Analogous

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



29.0992, 33.6262, 50.9132



31.6336, 33.6262, 54.1134



34.4033, 33.6262, 52.0933

Triad

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



31.6336, 33.6262, 54.1134



36.9870, 33.6262, 30.2040



27.7090, 33.6262, 28.7945

Complementary

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



31.6336, 33.6262, 54.1134



39.4256, 40.0703, 28.2115

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.



29.6365, 33.6262, 24.5508



31.6336, 33.6262, 54.1134



35.0038, 33.6262, 25.2780

Square

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



31.6336, 33.6262, 54.1134



37.5972, 33.6262, 37.5613



32.2900, 33.6262, 23.3626



26.9177, 33.6262, 35.6812

Rectangle

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



31.6336, 33.6262, 54.1134



35.9947, 33.6262, 48.1968



32.2900, 33.6262, 23.3626



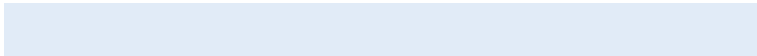
28.2399, 33.6262, 27.0524

Sweetspot

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



31.6347, 33.6275, 54.1142



77.5877, 82.0913, 100.0350



35.2865, 45.0600, 42.6030



16.6685, 17.6495, 21.9135



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.



31.6347, 33.6275, 54.1142



51.0514, 54.1339, 96.0373



28.2219, 26.1184, 52.8446



9.3515, 9.8954, 12.0893



8.3296, 6.7710, 33.2608



0.3915, 0.3956, 1.3246

Inverse Universe

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



36.2698, 30.6307, 36.8030



60.8796, 48.4432, 59.1825



43.7105, 49.6939, 29.8432



9.6993, 9.6040, 10.8055



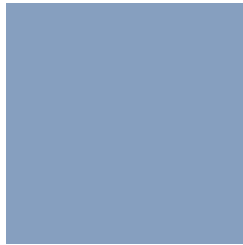
15.2052, 7.7132, 6.3741



0.6285, 0.3153, 0.4229

Previews

White Background



This preview shows how the XYZ color 31.6336, 33.6262, 54.1134 looks on a white background.

Color Contrast Check

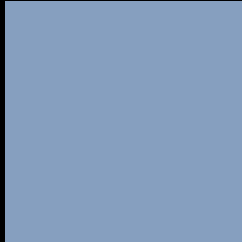
Large Text (above 18pt) WCAG AA × Fail

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 31.6336, 33.6262, 54.1134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

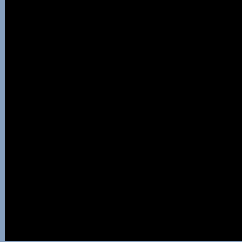
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

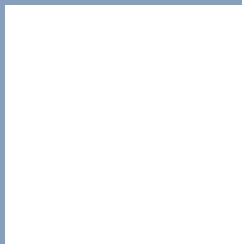
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.6336, 33.6262, 54.1134

Background



This preview shows how black text looks on a background with the XYZ color 31.6336, 33.6262, 54.1134.

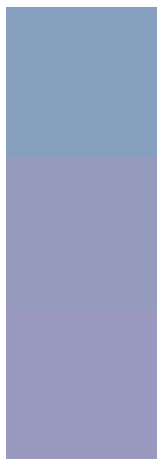


This preview shows how white text looks on a background with the XYZ color 31.6336, 33.6262,

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

31.6336, 33.6262, 54.1134

Protanopia

33.1929, 33.4631, 52.2865

Deuteranopia

34.2321, 33.4583, 54.5230



Tritanopia

29.8641, 33.6816, 45.4846

Trichromacy



Original Color

31.6336, 33.6262, 54.1134

Protanomaly

32.5754, 33.3803, 52.8703

Deuteranomaly

33.2684, 33.4515, 54.5725

Tritanomaly

30.4454, 33.6512, 48.6068

Monochromacy



Original Color

31.6336, 33.6262, 54.1134

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.9890, 32.8071, 41.7449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6336, 33.6262, 54.1134 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(134, 159, 191)` looks like.

```
.text, #text, p{  
    color:rgb(134, 159, 191)  
}
```

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(134, 159, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 159, 191) }
```

Border

The CSS property to change the border of an element to XYZ 31.6336, 33.6262, 54.1134 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(134, 159, 191) }
```


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

```
.border{ border-color:rgb(134, 159, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 159, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 159, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 159, 191);  
box-shadow:4px 4px 4px 4px rgb(134, 159,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6336, 33.6262, 54.1134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 159, 191) }
```

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

```
.background{ background-color: rgb(134,  
159, 191) }
```

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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