

Converting Colors

XYZ(32.5898, 33.1066, 61.0097)

Have a look what the booklet for
XYZ(32.5898, 33.1066, 61.0097)
contains.

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Color

**XYZ(32.6596, 33.2396,
61.1945)**

Conversions

Conversions Part 1

Format	Color
Hex	879CCB
RGB	135, 156, 203
RGB Percent	53%, 61%, 80%
CMY	0.4706, 0.3882, 0.2039
CMYK	0.33, 0.23, 0.00, 0.20
HSL	221°, 40%, 66%
HSV	221°, 33%, 80%
XYZ	32.6596, 33.2396, 61.1945
YIQ	155.0790, -27.6030, 10.1650

Conversions

Conversions Part 2

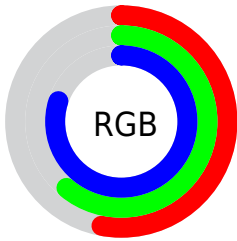
Format	Color
RYB	135, 151, 203
Decimal	8887499
CIELab	64.35, 3.85, -26.51
CIELCh	64, 26.786, 278.272
Yxy	33.2396, 0.2570, 0.2615
Android (android.graphics.Color)	4287077579 (0xFF879CCB)
YUV	155.0790, 23.6251, -17.6093
Hunter-Lab	57.6538, 0.2222, -22.5735

Details

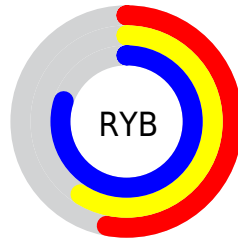
The XYZ color **32.6596, 33.2396, 61.1945** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.7304, 47.9023, 29.7585**, and the grayscale version is **31.0990, 32.7186, 35.6305**.

A 20% lighter version of the original color is **62.3318, 64.2603, 103.7260**, and **14.0437, 14.1121, 30.4175** is the 20% darker color. If you saturate the color by 10%, you get **27.4797, 27.2743, 60.3167**, and if you desaturate by 10%, it is **38.7364, 40.0725, 62.1937**.

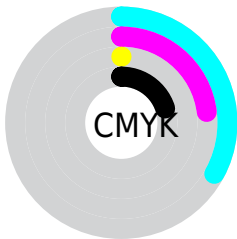
Distribution



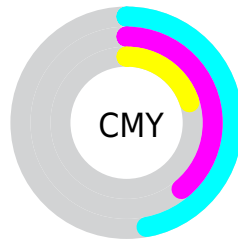
- Red (53%)
- Green (61%)
- Blue (80%)



- Red (53%)
- Yellow (59%)
- Blue (80%)



- Cyan (33%)
- Magenta (23%)
- Yellow (0%)
- Black (20%)



- Cyan (47%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6596, 33.2396, 61.1945 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 32.6596, 33.2396, 61.1945 by changing the saturation by 10% instead.

■ 32.6596, 33.2396,
61.1945

■ 32.6596, 33.2396,
61.1945

305.8053,
316.7280, 446.9131

■ 22.0238, 22.3101,
43.9506

■ 63.2020, 64.7494,
108.1208

■ 13.9911, 14.0849,
30.2947

■ 83.8392, 86.0985,
138.6402

■ 8.1961, 8.1797,
19.8085

■ 108.5410,
111.6895, 174.4219

■ 4.2736, 4.2102,
12.0732

137.6727,
141.9069, 215.8844

■ 1.8580, 1.7918,
6.6704

171.5996,
177.1351, 263.4462

■ 0.5523, 0.4821,
3.1815

210.6871,

■ 0.0000, 0.0000,

217.7584, 317.5259

1.1881

255.3005,
264.1612, 378.5420

■ 0.0000, 0.0000,
0.0000

■ 32.6596, 33.2396,
61.1945

■ 32.6596, 33.2396,
61.1945

■ 27.4797, 27.2743,
60.3167

■ 38.7364, 40.0725,
62.1937

■ 23.1486, 22.1359,
59.5531

■ 45.7483, 47.8035,
63.3163

■ 19.6188, 17.7862,
58.8996

■ 53.7352, 56.4663,
64.5675

■ 16.8360, 14.1820,
58.3506

■ 62.7336, 66.0917,
65.9511

■ 14.7388, 11.2750,
57.9000

■ 72.7780, 76.7090,
67.4710

■ 13.2542, 9.0102,
57.5411

■ 83.2349, 88.0024,
69.0998

■ 12.5402, 7.8330,
57.3515

■ 87.5307, 96.5940,
70.5317

■ 87.7796, 97.0918,
70.6147

Harmonies

Analogous

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



28.9566, 33.2396, 59.4054



32.6596, 33.2396, 61.1945



36.3543, 33.2396, 55.3011

Triad

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



32.6596, 33.2396, 61.1945



37.7043, 33.2396, 24.6846



25.2615, 33.2396, 28.9638

Complementary

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



32.6596, 33.2396, 61.1945



45.7304, 47.9023, 29.7585

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.



27.2671, 33.2396, 22.0866



32.6596, 33.2396, 61.1945



34.3852, 33.2396, 19.9841

Square

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



32.6596, 33.2396, 61.1945



39.4162, 33.2396, 33.2553



30.5504, 33.2396, 19.1394



24.8805, 33.2396, 39.2973

Rectangle

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



32.6596, 33.2396, 61.1945



38.2469, 33.2396, 48.3924



30.5504, 33.2396, 19.1394



25.7598, 33.2396, 26.2370

Sweetspot

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



32.6607, 33.2409, 61.1953



80.9158, 84.7463, 106.7007



39.7369, 51.2189, 51.7603



16.9236, 17.7084, 22.7760



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.



32.6607, 33.2409, 61.1953



48.4316, 48.4818, 101.4130



31.5609, 27.8871, 60.2199



10.8797, 11.3998, 14.1973



8.0521, 5.1282, 36.5217



0.4831, 0.4000, 1.9067

Inverse Universe

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



39.2942, 32.4258, 35.6416



61.3356, 47.5242, 51.5636



47.0986, 55.4778, 31.1486



11.3526, 11.2698, 12.3915



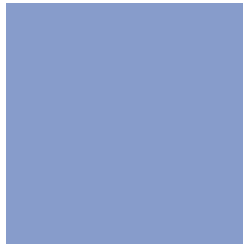
16.2752, 8.3207, 3.9021



0.8738, 0.4429, 0.3813

Previews

White Background



This preview shows how the XYZ color 32.6596, 33.2396, 61.1945 looks on a white background.

Color Contrast Check

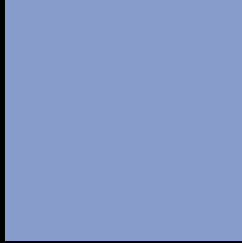
Large Text (above 18pt) WCAG AA × Fail

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 32.6596, 33.2396, 61.1945 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

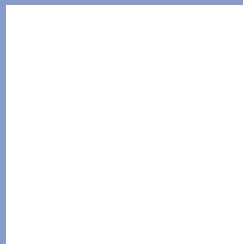
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6596, 33.2396, 61.1945

Background



This preview shows how black text looks on a background with the XYZ color 32.6596, 33.2396, 61.1945.

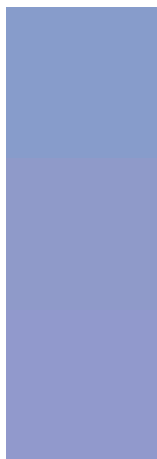


This preview shows how white text looks on a background with the XYZ color 32.6596, 33.2396,

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

32.6596, 33.2396, 61.1945

Protanopia

33.4259, 33.1679, 59.8986

Deuteranopia

33.9674, 33.1618, 61.7373



Tritanopia

29.2869, 33.1349, 44.8965

Trichromacy



Original Color

32.6596, 33.2396, 61.1945

Protanomaly

33.1972, 33.2824, 60.5516

Deuteranomaly

33.4392, 33.1336, 61.7597

Tritanomaly

30.5152, 33.1244, 50.6843

Monochromacy



Original Color

32.6596, 33.2396, 61.1945

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.3805, 32.7171, 43.6908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6596, 33.2396, 61.1945 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(135, 156, 203)` looks like.

```
.text, #text, p{  
    color:rgb(135, 156, 203)  
}
```

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(135, 156, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 156, 203) }
```

Border

The CSS property to change the border of an element to XYZ 32.6596, 33.2396, 61.1945 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(135, 156, 203) }
```


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

```
.border{ border-color:rgb(135, 156, 203) }
```

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

Here you see how a box with a 4 pixel rgb(135, 156, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 156, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 156, 203);  
box-shadow:4px 4px 4px 4px rgb(135, 156,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6596, 33.2396, 61.1945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 156, 203) }
```

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

```
.background{ background-color: rgb(135,  
156, 203) }
```

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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