

Converting Colors

XYZ(32.5984, 32.7692, 66.0440)

Have a look what the booklet for
XYZ(32.5984, 32.7692, 66.0440)
contains.

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Color

**XYZ(32.6851, 32.8917,
66.2541)**

Conversions

Conversions Part 1

Format	Color
Hex	829BD3
RGB	130, 155, 211
RGB Percent	51%, 61%, 83%
CMY	0.4902, 0.3921, 0.1725
CMYK	0.38, 0.27, 0.00, 0.17
HSL	221°, 48%, 67%
HSV	221°, 38%, 83%
XYZ	32.6851, 32.8917, 66.2541
YIQ	153.9090, -32.8760, 12.1160

Conversions

Conversions Part 2

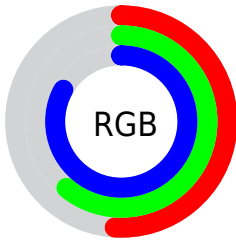
Format	Color
R_{YB}	130, 149, 211
Decimal	8559571
CIE _{Lab}	64.07, 5.16, -31.42
CIE _{LCh}	64, 31.842, 279.321
Yxy	32.8917, 0.2479, 0.2495
Android (android.graphics.Color)	4286749651 (0xFF829BD3)
YUV	153.9090, 28.1459, -20.9682
Hunter-Lab	57.3513, 1.3643, -28.3479

Details

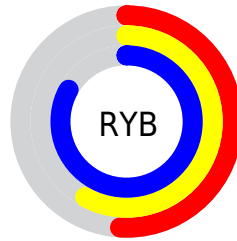
The XYZ color **32.6851, 32.8917, 66.2541** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.4528, 50.5790, 28.3292**, and the grayscale version is **30.5670, 32.1589, 35.0210**.

A 20% lighter version of the original color is **60.8580, 63.1352, 103.5865**, and **14.0116, 13.8787, 33.3929** is the 20% darker color. If you saturate the color by 10%, you get **27.4916, 26.8261, 65.3576**, and if you desaturate by 10%, it is **38.8377, 39.8885, 67.2809**.

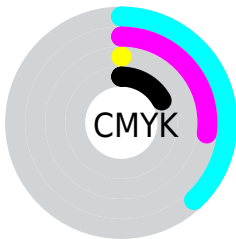
Distribution



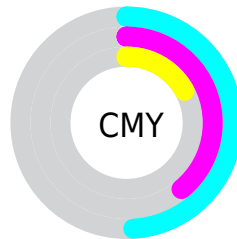
- Red (51%)
- Green (61%)
- Blue (83%)



- Red (51%)
- Yellow (58%)
- Blue (83%)



- Cyan (38%)
- Magenta (27%)
- Yellow (0%)
- Black (17%)



- Cyan (49%)
- Magenta (39%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6851, 32.8917, 66.2541 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 32.6851, 32.8917, 66.2541 by changing the saturation by 10% instead.

■ 32.6851, 32.8917,
66.2541

■ 32.6851, 32.8917,
66.2541

305.9185,
315.1614, 465.7141

■ 22.0434, 22.0435,
48.0209

■ 63.2416, 64.2064,
115.4814

■ 14.0056, 13.8889,
33.4833

■ 83.8870, 85.4417,
147.3127

■ 8.2063, 8.0434,
22.2228

■ 108.5978,
110.9081, 184.5137

■ 4.2801, 4.1227,
13.8208

137.7392,
140.9901, 227.5030

■ 1.8618, 1.7425,
7.8588

171.6766,
176.0721, 276.6991

■ 0.5545, 0.4509,
3.9183

210.7754,

■ 0.0000, 0.0000,

216.5383, 332.5207

1.5806

255.4009,
262.7733, 395.3861

■ 0.0000, 0.0000,
0.2769

■ 0.0000, 0.0000,
0.0000

■ 32.6851, 32.8917,
66.2541

■ 32.6851, 32.8917,
66.2541

■ 27.4916, 26.8261,
65.3576

■ 38.8377, 39.8885,
67.2809

■ 23.2027, 21.6460,
64.5838

■ 45.9934, 47.8519,
68.4409

■ 19.7631, 17.3074,
63.9277

■ 54.1973, 56.8197,
69.7394

■ 17.1096, 13.7602,
63.3829

■ 63.4906, 66.8265,
71.1811

■ 15.1690, 10.9480,
62.9423

■ 73.9126, 77.9054,
72.7703

■ 13.8363, 8.7965,
62.5973

■ 84.9076, 89.7825,
74.4833

■ 13.6555, 8.4982,
62.5492

■ 88.7580, 97.4832,
75.7667

Harmonies

Analogous

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



28.3056, 32.8917, 64.3597



32.6851, 32.8917, 66.2541



37.0722, 32.8917, 58.6074

Triad

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



32.6851, 32.8917, 66.2541



38.4453, 32.8917, 22.2941



23.8461, 32.8917, 27.7563

Complementary

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



32.6851, 32.8917, 66.2541



48.4528, 50.5790, 28.3292

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.



26.0940, 32.8917, 19.8604



32.6851, 32.8917, 66.2541



34.4186, 32.8917, 17.2725

Square

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



32.6851, 32.8917, 66.2541



40.6018, 32.8917, 31.9478



29.8819, 32.8917, 16.5036



23.4780, 32.8917, 39.9790

Rectangle

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



32.6851, 32.8917, 66.2541



39.3102, 32.8917, 50.0031



29.8819, 32.8917, 16.5036



24.3958, 32.8917, 24.5996

Sweetspot

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



32.6862, 32.8929, 66.2549



78.2932, 81.8885, 106.2873



41.2950, 54.8527, 54.5050



16.3993, 17.1358, 22.6932



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.



32.6862, 32.8929, 66.2549



43.5993, 42.8330, 100.5774



31.3921, 26.6756, 65.1230



11.4571, 12.0044, 14.9569



8.3214, 5.2895, 37.7749



0.5355, 0.4363, 2.1355

Inverse Universe

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



40.7639, 32.1818, 35.0749



57.9162, 42.4033, 45.1278



50.1283, 59.9569, 30.0509



11.9568, 11.8675, 13.0486



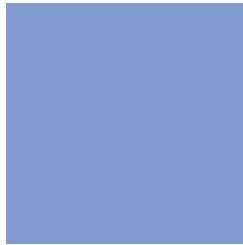
16.8310, 8.6052, 4.0163



0.9765, 0.4953, 0.4113

Previews

White Background



This preview shows how the XYZ color 32.6851, 32.8917, 66.2541 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 32.6851, 32.8917, 66.2541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

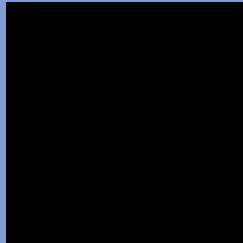
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

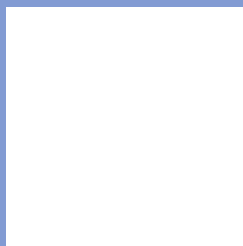
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6851, 32.8917, 66.2541

Background



This preview shows how black text looks on a background with the XYZ color 32.6851, 32.8917, 66.2541.



This preview shows how white text looks on a background with the XYZ color 32.6851, 32.8917,

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

32.6851, 32.8917, 66.2541

Protanopia

33.5473, 32.8749, 64.8990

Deuteranopia

33.6303, 32.8889, 66.2037



Tritanopia

28.5434, 33.0008, 45.4228

Trichromacy



Original Color

32.6851, 32.8917, 66.2541

Protanomaly

33.3418, 32.9986, 65.5848

Deuteranomaly

33.3051, 32.9652, 66.2356

Tritanomaly

29.7874, 32.7122, 52.3211

Monochromacy



Original Color

32.6851, 32.8917, 66.2541

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.9705, 32.2261, 45.1454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6851, 32.8917, 66.2541 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(130, 155, 211)` looks like.

```
.text, #text, p{  
    color:rgb(130, 155, 211)  
}
```

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(130, 155, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 155, 211) }
```

Border

The CSS property to change the border of an element to XYZ 32.6851, 32.8917, 66.2541 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(130, 155, 211) }
```


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

```
.border{ border-color:rgb(130, 155, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 155, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 155, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 155, 211);  
box-shadow:4px 4px 4px 4px rgb(130, 155,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6851, 32.8917, 66.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 155, 211) }
```

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

```
.background{ background-color: rgb(130,  
155, 211) }
```

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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