

Converting Colors

XYZ(32.3170, 30.6502, 64.1478)

Have a look what the booklet for
XYZ(32.3170, 30.6502, 64.1478)
contains.

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Color

**XYZ(32.3115, 30.6008,
63.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	8B92D0
RGB	139, 146, 208
RGB Percent	55%, 57%, 82%
CMY	0.4549, 0.4274, 0.1843
CMYK	0.33, 0.30, 0.00, 0.18
HSL	234°, 42%, 68%
HSV	234°, 33%, 82%
XYZ	32.3115, 30.6008, 63.8781
YIQ	150.9750, -24.0740, 17.7980

Conversions

Conversions Part 2

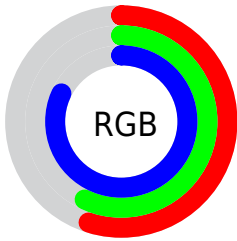
Format	Color
RYB	139, 145, 208
Decimal	9147088
CIELab	62.17, 12.02, -32.65
CIELCh	62, 34.797, 290.216
Yxy	30.6008, 0.2548, 0.2413
Android (android.graphics.Color)	4287337168 (0xFF8B92D0)
YUV	150.9750, 28.1133, -10.5021
Hunter-Lab	55.3180, 7.4562, -29.7422

Details

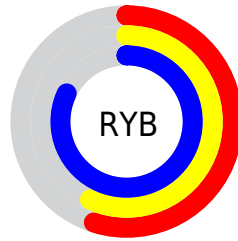
The XYZ color **32.3115, 30.6008, 63.8781** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.5600, 57.0480, 32.7211**, and the grayscale version is **29.2965, 30.8222, 33.5654**.

A 20% lighter version of the original color is **60.9524, 59.9979, 102.9760**, and **13.7704, 12.6441, 31.8518** is the 20% darker color. If you saturate the color by 10%, you get **26.5139, 23.6796, 62.8483**, and if you desaturate by 10%, it is **39.2429, 38.8070, 65.0973**.

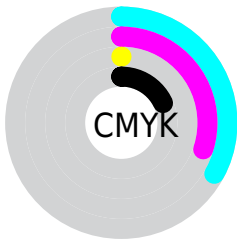
Distribution



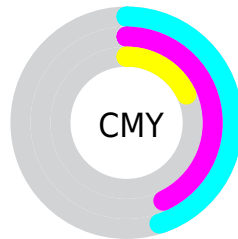
- Red (55%)
- Green (57%)
- Blue (82%)



- Red (55%)
- Yellow (57%)
- Blue (82%)



- Cyan (33%)
- Magenta (30%)
- Yellow (0%)
- Black (18%)



- Cyan (45%)
- Magenta (43%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3115, 30.6008, 63.8781 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 32.3115, 30.6008, 63.8781 by changing the saturation by 10% instead.

■ 32.3115, 30.6008,
63.8781

■ 32.3115, 30.6008,
63.8781

304.2559,
304.6950, 456.9447

■ 21.7562, 20.2951,
46.1064

■ 62.6610, 60.6110,
112.0331

■ 13.7935, 12.6097,
31.9805

■ 83.1860, 81.0843,
143.2536

■ 8.0579, 7.1603,
21.0819

■ 107.7649,
105.7155, 179.7940

■ 4.1841, 3.5626,
12.9921

136.7631,
134.8891, 222.0729

■ 1.8068, 1.4320,
7.2924

170.5459,
168.9895, 270.5089

■ 0.5218, 0.2401,
3.5644

209.4788,

■ 0.0000, 0.0000,

208.4010, 325.5205

1.3896

253.9270,
253.5080, 387.5262

■ 0.0000, 0.0000,
0.1336

■ 0.0000, 0.0000,
0.0000

■ 32.3115, 30.6008,
63.8781

■ 32.3115, 30.6008,
63.8781

■ 26.5139, 23.6796,
62.8483

■ 39.2429, 38.8070,
65.0973

■ 21.7866, 17.9747,
61.9963

■ 47.3609, 48.3550,
66.5124

■ 18.0644, 13.4165,
61.3126

■ 56.7188, 59.3027,
68.1323

■ 15.2739, 9.9267,
60.7861

■ 67.3656, 71.7034,
69.9647

■ 13.3313, 7.4172,
60.4041

■ 79.3477, 85.6076,
72.0170

■ 12.1377, 5.7854,
60.1521

■ 88.3853, 97.3341,
73.8041

■ 11.6553, 5.0942,
60.0441

Harmonies

Analogous

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



27.5805, 30.6008, 65.7707



32.3115, 30.6008, 63.8781



36.5740, 30.6008, 52.7118

Triad

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



32.3115, 30.6008, 63.8781



35.2409, 30.6008, 17.1616



21.0781, 30.6008, 29.1230

Complementary

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



32.3115, 30.6008, 63.8781



51.5600, 57.0480, 32.7211

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.



22.6954, 30.6008, 19.3830



32.3115, 30.6008, 63.8781



30.6435, 30.6008, 13.8089

Square

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



32.3115, 30.6008, 63.8781



38.3872, 30.6008, 25.1731



26.0810, 30.6008, 14.4950



21.4221, 30.6008, 43.0564

Rectangle

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



32.3115, 30.6008, 63.8781



38.4152, 30.6008, 42.8399



26.0810, 30.6008, 14.4950



21.4031, 30.6008, 25.3250

Sweetspot

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



32.3126, 30.6020, 63.8788



79.4040, 81.7226, 106.1967



43.6237, 54.7693, 62.8860



16.5604, 16.9821, 22.6550



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.



32.3126, 30.6020, 63.8788



44.3459, 40.3104, 100.0512



36.2296, 31.0681, 63.7623



11.2588, 11.6079, 14.8908



7.2975, 3.2416, 37.4336



0.4417, 0.2486, 2.1043

Inverse Universe

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



40.4343, 33.9515, 31.6175



59.2733, 46.6993, 40.7038



46.4022, 56.8669, 32.9580



11.8568, 11.8275, 12.5216



16.3142, 8.3985, 1.2946



0.9292, 0.4764, 0.1618

Previews

White Background



This preview shows how the XYZ color 32.3115, 30.6008, 63.8781 looks on a white background.

Color Contrast Check

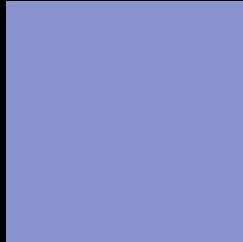
Large Text (above 18pt) WCAG AA × Fail

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 32.3115, 30.6008, 63.8781 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 32.3115, 30.6008, 63.8781

Background



This preview shows how black text looks on a background with the XYZ color 32.3115, 30.6008, 63.8781.



This preview shows how white text looks on a background with the XYZ color 32.3115, 30.6008,

63.8781.

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

32.3115, 30.6008, 63.8781

Protanopia

31.5828, 30.6582, 65.2258

Deuteranopia

31.3351, 30.5592, 63.9215



Tritanopia

27.6445, 30.6102, 40.5277

Trichromacy



Original Color

32.3115, 30.6008, 63.8781

Protanomaly

31.7739, 30.5392, 64.5416

Deuteranomaly

31.6504, 30.4898, 63.8915

Tritanomaly

29.0800, 30.4560, 48.0620

Monochromacy



Original Color

32.3115, 30.6008, 63.8781

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.2265, 30.6765, 43.3578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3115, 30.6008, 63.8781 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(139, 146, 208)` looks like.

```
.text, #text, p{  
    color:rgb(139, 146, 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(139, 146, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 146, 208) }
```

Border

The CSS property to change the border of an element to XYZ 32.3115, 30.6008, 63.8781 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(139, 146, 208) }
```


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

```
.border{ border-color:rgb(139, 146, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 146, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 146, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 146, 208);  
box-shadow:4px 4px 4px 4px rgb(139, 146,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3115, 30.6008, 63.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 146, 208) }
```

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

```
.background{ background-color: rgb(139,  
146, 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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