

Converting Colors

XYZ(32.6598, 37.7492, 50.3647)

Have a look what the booklet for
XYZ(32.6598, 37.7492, 50.3647)
contains.

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Color

**XYZ(32.6598, 37.7492,
50.3647)**

Conversions

Conversions Part 1

Format	Color
Hex	83ACB7
RGB	131, 172, 183
RGB Percent	51%, 67%, 72%
CMY	0.4863, 0.3255, 0.2823
CMYK	0.28, 0.06, 0.00, 0.28
HSL	193°, 27%, 62%
HSV	193°, 28%, 72%
XYZ	32.6598, 37.7492, 50.3647
YIQ	160.9950, -27.9670, -5.2710

Conversions

Conversions Part 2

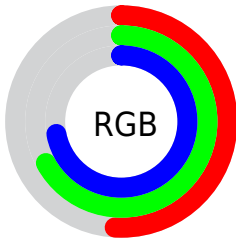
Format	Color
RYB	131, 154, 183
Decimal	8629431
CIELab	67.84, -11.15, -10.13
CIELCh	68, 15.065, 222.259
Yxy	37.7492, 0.2704, 0.3126
Android (android.graphics.Color)	4286819511 (0xFF83ACB7)
YUV	160.9950, 10.8485, -26.3056
Hunter-Lab	61.4404, -12.6356, -5.5937

Details

The XYZ color **32.6598, 37.7492, 50.3647** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.2986, 31.0522, 25.7122**, and the grayscale version is **33.8353, 35.5974, 38.7655**.

A 20% lighter version of the original color is **63.0567, 71.4845, 92.1358**, and **14.0540, 16.7501, 23.6115** is the 20% darker color. If you saturate the color by 10%, you get **29.3463, 34.9642, 50.0024**, and if you desaturate by 10%, it is **36.4976, 40.8382, 50.7593**.

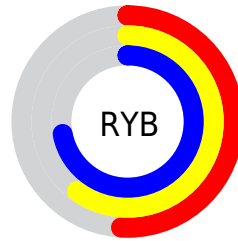
Distribution



Red (51%)

Green (67%)

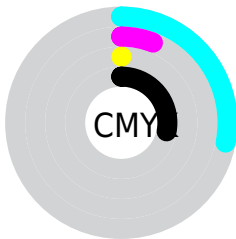
Blue (72%)



Red (51%)

Yellow (60%)

Blue (72%)

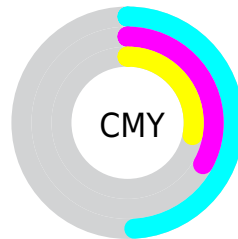


Cyan (28%)

Magenta (6%)

Yellow (0%)

Black (28%)



Cyan (49%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6598, 37.7492, 50.3647 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 32.6598, 37.7492, 50.3647 by changing the saturation by 10% instead.

■ 32.6598, 37.7492,
50.3647

■ 32.6598, 37.7492,
50.3647

305.8061,
336.5429, 404.8663

■ 22.0239, 25.7881,
35.3301

■ 63.2023, 71.7236,
92.1169

■ 13.9912, 16.6652,
23.6316

■ 83.8396, 94.5056,
119.6715

■ 8.1962, 9.9961,
14.8509

■ 108.5414,
121.6634, 152.2364

■ 4.2736, 5.3963,
8.5694

137.6732,
153.5814, 190.2304

■ 1.8581, 2.4816,
4.3684

171.6002,
190.6440, 234.0718

■ 0.5523, 0.8674,
1.8296

210.6878,

■ 0.0000, 0.0000,

233.2354, 284.1792

0.4473

255.3013,
281.7403, 340.9712

■ 0.0000, 0.0000,
0.0000

■ 32.6598, 37.7492,
50.3647

■ 32.6598, 37.7492,
50.3647

■ 29.3463, 34.9642,
50.0024

■ 36.4976, 40.8382,
50.7593

■ 26.5272, 32.4648,
49.6686

■ 40.8810, 44.2396,
51.1848

■ 24.1748, 30.2373,
49.3626

■ 45.8340, 47.9670,
51.6432

■ 22.2569, 28.2648,
49.0830

■ 51.3783, 52.0319,
52.1356

■ 20.7373, 26.5284,
48.8279

■ 57.5343, 56.4451,
52.6630

■ 19.5736, 25.0060,
48.5954

■ 64.3216, 61.2168,
53.2263

■ 18.6953, 23.6609,
48.3820

■ 70.2331, 65.5704,
53.7550

■ 18.5655, 23.4553,
48.3492

■ 71.1356, 67.3754,
54.0559

■ 72.0609, 69.2261,
54.3643

Harmonies

Analogous

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



31.6707, 37.7492, 43.8921



32.6598, 37.7492, 50.3647



34.5295, 37.7492, 54.5979

Triad

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



32.6598, 37.7492, 50.3647



40.3254, 37.7492, 45.1440



34.9351, 37.7492, 29.7798

Complementary

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



32.6598, 37.7492, 50.3647



33.2986, 31.0522, 25.7122

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.



37.2642, 37.7492, 30.0371



32.6598, 37.7492, 50.3647



40.4455, 37.7492, 38.4336

Square

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



32.6598, 37.7492, 50.3647



38.9825, 37.7492, 51.3664



39.3041, 37.7492, 33.0517



32.9456, 37.7492, 32.3059

Rectangle

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



32.6598, 37.7492, 50.3647



36.0567, 37.7492, 55.3275



39.3041, 37.7492, 33.0517



35.7029, 37.7492, 29.5520

Sweetspot

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



32.6609, 37.7507, 50.3656



72.6057, 78.7645, 91.6121



31.1318, 40.6280, 31.5576



15.7729, 17.1945, 20.2092



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.6609, 37.7507, 50.3656



54.7375, 64.4800, 89.7966



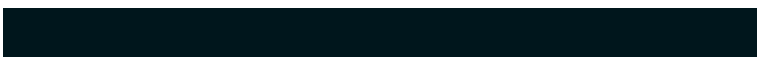
28.2797, 28.9883, 48.9052



9.1011, 9.8794, 11.5067



13.0024, 16.4645, 33.7457



0.4994, 0.6624, 1.2033

Inverse Universe

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



35.0920, 29.2793, 42.8333



59.8819, 47.1543, 73.7227



37.5180, 39.4909, 27.1186



9.2974, 9.1293, 10.9134



17.1767, 8.4444, 19.3491



0.6262, 0.3060, 0.7911

Previews

White Background



This preview shows how the XYZ color 32.6598, 37.7492, 50.3647 looks on a white background.

Color Contrast Check

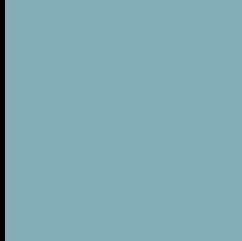
Large Text (above 18pt) WCAG AA × Fail

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 32.6598, 37.7492, 50.3647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

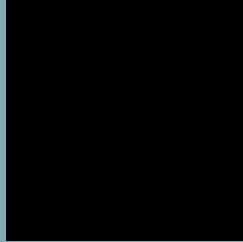
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6598, 37.7492, 50.3647

Background



This preview shows how black text looks on a background with the XYZ color 32.6598, 37.7492, 50.3647.

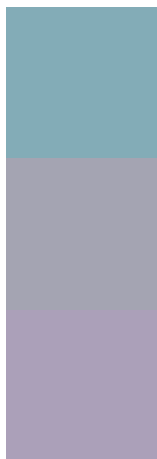


This preview shows how white text looks on a background with the XYZ color 32.6598, 37.7492,

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

32.6598, 37.7492, 50.3647

Protanopia

36.6212, 37.6578, 47.4580

Deuteranopia

38.1223, 37.3023, 51.0897



Tritanopia

33.0252, 37.9134, 51.4763

Trichromacy



Original Color

32.6598, 37.7492, 50.3647

Protanomaly

35.0058, 37.6081, 48.5941

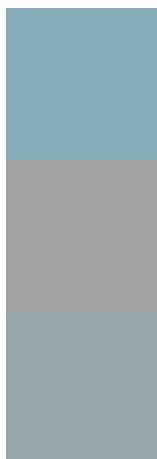
Deuteranomaly

35.6375, 37.0795, 50.6262

Tritanomaly

32.9200, 37.8713, 50.9222

Monochromacy



Original Color

32.6598, 37.7492, 50.3647

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.1942, 36.2589, 42.7853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6598, 37.7492, 50.3647 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(131, 172, 183)` looks like.

```
.text, #text, p{  
    color:rgb(131, 172, 183)  
}
```

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(131, 172, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 172, 183) }
```

Border

The CSS property to change the border of an element to XYZ 32.6598, 37.7492, 50.3647 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(131, 172, 183) }
```


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

```
.border{ border-color:rgb(131, 172, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 172, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 172, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 172, 183);  
box-shadow:4px 4px 4px 4px rgb(131, 172,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6598, 37.7492, 50.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 172, 183) }
```

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

```
.background{ background-color: rgb(131,  
172, 183) }
```

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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