

Converting Colors

XYZ(32.2133, 35.8305, 47.4593)

Have a look what the booklet for
XYZ(32.2133, 35.8305, 47.4593)
contains.

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Color

**XYZ(32.3196, 35.9758,
47.3601)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA6B2
RGB	139, 166, 178
RGB Percent	55%, 65%, 70%
CMY	0.4549, 0.3490, 0.3020
CMYK	0.22, 0.07, 0.00, 0.30
HSL	198°, 20%, 62%
HSV	198°, 22%, 70%
XYZ	32.3196, 35.9758, 47.3601
YIQ	159.2950, -19.9440, -1.9920

Conversions

Conversions Part 2

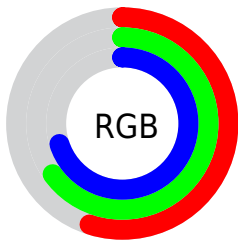
Format	Color
R_{YB}	139, 155, 178
Decimal	9152178
CIE Lab	66.50, -6.62, -9.29
CIE LCh	67, 11.409, 234.531
Yxy	35.9758, 0.2794, 0.3111
Android (android.graphics.Color)	4287342258 (0xFF8BA6B2)
YUV	159.2950, 9.2216, -17.7987
Hunter-Lab	59.9798, -8.7816, -4.8295

Details

The XYZ color **32.3196, 35.9758, 47.3601** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0873, 33.4624, 29.0892**, and the grayscale version is **33.0562, 34.7777, 37.8729**.

A 20% lighter version of the original color is **62.7001, 68.9909, 87.8538**, and **13.7435, 15.5900, 21.6868** is the 20% darker color. If you saturate the color by 10%, you get **28.6119, 32.6189, 46.9081**, and if you desaturate by 10%, it is **36.5557, 39.6699, 47.8505**.

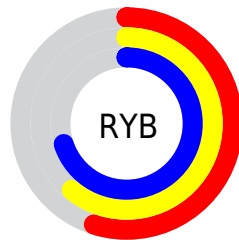
Distribution



Red (55%)

Green (65%)

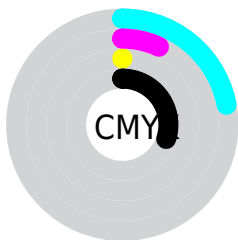
Blue (70%)



Red (55%)

Yellow (61%)

Blue (70%)

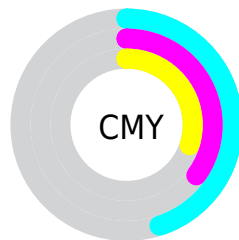


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (45%)

Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3196, 35.9758, 47.3601 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 32.3196, 35.9758, 47.3601 by changing the saturation by 10% instead.

■ 32.3196, 35.9758,
47.3601

■ 32.3196, 35.9758,
47.3601

304.2921,
328.8548, 392.6854

■ 21.7625, 24.4155,
32.9640

■ 62.6736, 68.9947,
87.6065

■ 13.7981, 15.6421,
21.8280

■ 83.2012, 91.2221,
114.2939

■ 8.0611, 9.2713,
13.5335

■ 107.7829,
117.7740, 145.9155

■ 4.1862, 4.9185,
7.6619

136.7843,
149.0348, 182.8898

■ 1.8080, 2.1995,
3.7947

170.5705,
185.3889, 225.6355

■ 0.5225, 0.7197,
1.5134

209.5069,

■ 0.0000, 0.0000,

227.2206, 274.5709

0.2279

253.9590,
274.9145, 330.1147

■ 0.0000, 0.0000,
0.0000

■ 32.3196, 35.9758,
47.3601

■ 32.3196, 35.9758,
47.3601

■ 28.6119, 32.6189,
46.9081

■ 36.5557, 39.6699,
47.8505

■ 25.4056, 29.5816,
46.4909

■ 41.3394, 43.7091,
48.3780

■ 22.6759, 26.8514,
46.1078

■ 46.6928, 48.1064,
48.9446

■ 20.3944, 24.4129,
45.7573

■ 52.6355, 52.8728,
49.5514

■ 18.5297, 22.2489,
45.4379

■ 59.1866, 58.0186,
50.1993

■ 17.0457, 20.3402,
45.1477

■ 66.3640, 63.5539,
50.8895

■ 15.8998, 18.6638,
44.8845

■ 70.9487, 67.8199,
51.4712

■ 15.1489, 17.4402,
44.6879

■ 72.2761, 70.4746,
51.9137

■ 73.6498, 73.2219,
52.3716

Harmonies

Analogous

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



31.2865, 35.9758, 43.2166



32.3196, 35.9758, 47.3601



33.8812, 35.9758, 49.3229

Triad

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



32.3196, 35.9758, 47.3601



37.5757, 35.9758, 40.0767



32.8456, 35.9758, 31.2075

Complementary

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



32.3196, 35.9758, 47.3601



34.0873, 33.4624, 29.0892

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.



34.5085, 35.9758, 30.5183



32.3196, 35.9758, 47.3601



37.2761, 35.9758, 35.3871

Square

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



32.3196, 35.9758, 47.3601



36.9449, 35.9758, 44.8991



36.1393, 35.9758, 31.9858



31.5830, 35.9758, 33.9530

Rectangle

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



32.3196, 35.9758, 47.3601



35.0263, 35.9758, 49.0220



36.1393, 35.9758, 31.9858



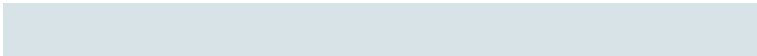
33.3748, 35.9758, 30.7378

Sweetspot

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



32.3207, 35.9773, 47.3609



70.3179, 75.3656, 87.2220



32.1302, 39.5551, 35.0928



15.4667, 16.6023, 19.3116



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.3207, 35.9773, 47.3609



55.4413, 62.4027, 85.5040



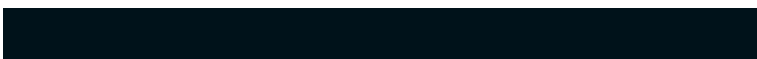
29.0868, 29.5094, 46.2829



8.5177, 9.1815, 10.8296



10.8967, 12.5938, 31.9935



0.3917, 0.4939, 1.0229

Inverse Universe

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



34.4765, 30.6843, 40.1836



60.0661, 51.3906, 70.0304



37.4332, 40.1543, 30.2045



8.7365, 8.6013, 10.1108



15.7348, 7.8115, 14.2954



0.5197, 0.2556, 0.5795

Previews

White Background



This preview shows how the XYZ color 32.3196, 35.9758, 47.3601 looks on a white background.

Color Contrast Check

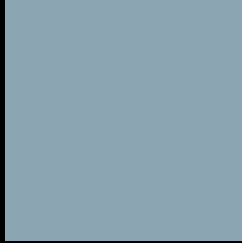
Large Text (above 18pt) WCAG AA × Fail

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 32.3196, 35.9758, 47.3601 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

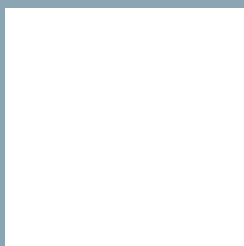
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3196, 35.9758, 47.3601

Background



This preview shows how black text looks on a background with the XYZ color 32.3196, 35.9758, 47.3601.

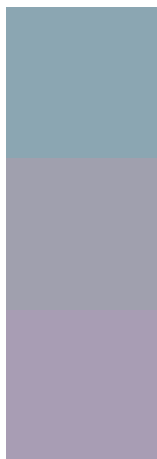


This preview shows how white text looks on a background with the XYZ color 32.3196, 35.9758,

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

32.3196, 35.9758, 47.3601

Protanopia

34.7080, 35.6712, 45.1003

Deuteranopia

36.4436, 35.7341, 48.1566



Tritanopia

32.4204, 36.0161, 47.8909

Trichromacy



Original Color

32.3196, 35.9758, 47.3601

Protanomaly

33.6071, 35.6112, 45.6598

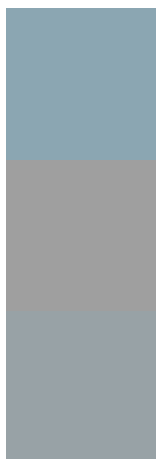
Deuteranomaly

34.6121, 35.5644, 47.6882

Tritanomaly

32.4204, 36.0161, 47.8909

Monochromacy



Original Color

32.3196, 35.9758, 47.3601

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.7522, 35.2692, 41.1578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3196, 35.9758, 47.3601 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, 166, 178)` looks like.

```
.text, #text, p{  
    color:rgb(139, 166, 178)  
}
```

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, 166, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 166, 178) }
```

Border

The CSS property to change the border of an element to XYZ 32.3196, 35.9758, 47.3601 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, 166, 178) }
```


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

```
.border{ border-color:rgb(139, 166, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 166, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 166, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 166, 178);  
box-shadow:4px 4px 4px 4px rgb(139, 166,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3196, 35.9758, 47.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 166, 178) }
```

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

```
.background{ background-color: rgb(139,  
166, 178) }
```

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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