

Converting Colors

XYZ(32.2315, 35.6276, 47.0357)

Have a look what the booklet for
XYZ(32.2315, 35.6276, 47.0357)
contains.

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Color

**XYZ(32.3062, 35.7001,
47.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA5B2
RGB	140, 165, 178
RGB Percent	55%, 65%, 70%
CMY	0.4510, 0.3529, 0.3020
CMYK	0.21, 0.07, 0.00, 0.30
HSL	201°, 20%, 62%
HSV	201°, 21%, 70%
XYZ	32.3062, 35.7001, 47.3076
YIQ	159.0070, -19.0730, -1.2570

Conversions

Conversions Part 2

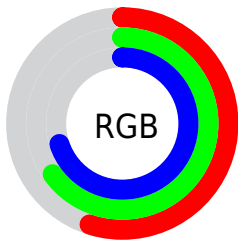
Format	Color
RYB	140, 155, 178
Decimal	9217458
CIELab	66.29, -5.76, -9.60
CIElCh	66, 11.194, 239.047
Yxy	35.7001, 0.2802, 0.3096
Android (android.graphics.Color)	4287407538 (0xFF8CA5B2)
YUV	159.0070, 9.3635, -16.6691
Hunter-Lab	59.7496, -8.0479, -5.1190

Details

The XYZ color **32.3062, 35.7001, 47.3076** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4852, 34.1408, 29.5838**, and the grayscale version is **32.9235, 34.6381, 37.7209**.

A 20% lighter version of the original color is **62.6926, 68.5962, 87.7780**, and **13.7266, 15.4148, 21.6539** is the 20% darker color. If you saturate the color by 10%, you get **28.4742, 32.1338, 46.8218**, and if you desaturate by 10%, it is **36.6779, 39.6240, 47.8352**.

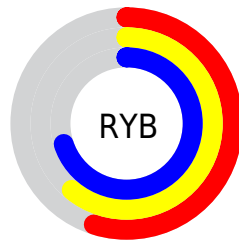
Distribution



Red (55%)

Green (65%)

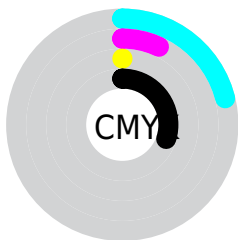
Blue (70%)



Red (55%)

Yellow (61%)

Blue (70%)

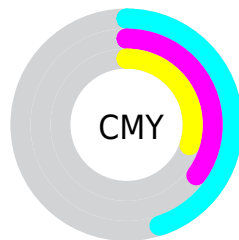


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (45%)

Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3062, 35.7001, 47.3076 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 32.3062, 35.7001, 47.3076 by changing the saturation by 10% instead.

■ 32.3062, 35.7001,
47.3076

■ 32.3062, 35.7001,
47.3076

304.2323,
327.6478, 392.4703

■ 21.7522, 24.2027,
32.9228

■ 62.6528, 68.5689,
87.5274

■ 13.7905, 15.4840,
21.7967

■ 83.1760, 90.7091,
114.1994

■ 8.0558, 9.1598,
13.5107

■ 107.7530,
117.1657, 145.8043

■ 4.1828, 4.8456,
7.6463

136.7492,
148.3230, 182.7606

■ 1.8061, 2.1569,
3.7850

170.5298,
184.5655, 225.4868

■ 0.5213, 0.6964,
1.5081

209.4603,

■ 0.0000, 0.0000,

226.2775, 274.4014

0.2240

253.9060,
273.8435, 329.9231

■ 0.0000, 0.0000,
0.0000

■ 32.3062, 35.7001,
47.3076

■ 32.3062, 35.7001,
47.3076

■ 28.4742, 32.1338,
46.8218

■ 36.6779, 39.6240,
47.8352

■ 25.1545, 28.9073,
46.3740

■ 41.6084, 43.9138,
48.4033

■ 22.3224, 26.0076,
45.9636

■ 47.1199, 48.5828,
49.0140

■ 19.9495, 23.4190,
45.5890

■ 53.2325, 53.6423,
49.6684

■ 18.0042, 21.1241,
45.2485

■ 59.9649, 59.1030,
50.3676

■ 16.4507, 19.1031,
44.9403

■ 67.3355, 64.9754,
51.1126

■ 15.2464, 17.3331,
44.6621

■ 71.7400, 69.4024,
51.7350

■ 14.4109, 15.9642,
44.4420

■ 73.2495, 72.4214,
52.2382

■ 74.8166, 75.5556,
52.7605

Harmonies

Analogous

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



31.2001, 35.7001, 43.5118



32.3062, 35.7001, 47.3076



33.8785, 35.7001, 48.8155

Triad

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



32.3062, 35.7001, 47.3076



37.2464, 35.7001, 39.0246



32.3959, 35.7001, 31.3700

Complementary

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



32.3062, 35.7001, 47.3076



34.4852, 34.1408, 29.5838

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.



33.9853, 35.7001, 30.3786



32.3062, 35.7001, 47.3076



36.8186, 35.7001, 34.5731

Square

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



32.3062, 35.7001, 47.3076



36.7622, 35.7001, 43.7982



35.6112, 35.7001, 31.5028



31.2507, 35.7001, 34.3286

Rectangle

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



32.3062, 35.7001, 47.3076



34.9911, 35.7001, 48.2330



35.6112, 35.7001, 31.5028



32.8942, 35.7001, 30.8069

Sweetspot

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



32.3073, 35.7016, 47.3084



71.0719, 75.8497, 87.2757



32.4585, 39.7058, 35.9467



15.6191, 16.6941, 19.3213



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.



32.3073, 35.7016, 47.3084



54.9209, 61.3619, 85.3306



29.1821, 29.4511, 46.2667



8.4930, 9.1323, 10.8214



10.3712, 11.5428, 31.8183



0.3779, 0.4664, 1.0183

Inverse Universe

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



34.5305, 30.9385, 39.7508



59.8034, 51.2855, 68.6472



37.7835, 40.7374, 30.6833



8.7240, 8.5963, 10.0453



15.4696, 7.7054, 12.8985



0.5128, 0.2529, 0.5430

Previews

White Background



This preview shows how the XYZ color 32.3062, 35.7001, 47.3076 looks on a white background.

Color Contrast Check

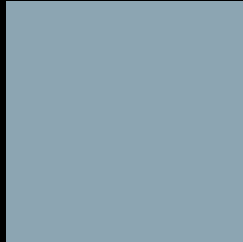
Large Text (above 18pt) WCAG AA × Fail

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 32.3062, 35.7001, 47.3076 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 32.3062, 35.7001, 47.3076

Background



This preview shows how black text looks on a background with the XYZ color 32.3062, 35.7001, 47.3076.



This preview shows how white text looks on a background with the XYZ color 32.3062, 35.7001,

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

32.3062, 35.7001, 47.3076

Protanopia

34.8059, 35.7103, 45.6158

Deuteranopia

36.4436, 35.7341, 48.1566



Tritanopia

32.3062, 35.7001, 47.3076

Trichromacy



Original Color

32.3062, 35.7001, 47.3076

Protanomaly

33.8937, 35.7476, 46.1879

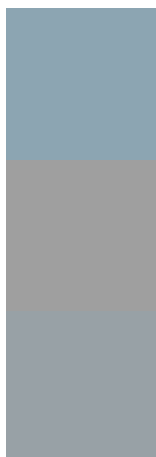
Deuteranomaly

34.8080, 35.6654, 47.6974

Tritanomaly

32.3062, 35.7001, 47.3076

Monochromacy



Original Color

32.3062, 35.7001, 47.3076

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.5767, 34.9183, 41.0993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3062, 35.7001, 47.3076 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(140, 165, 178)` looks like.

```
.text, #text, p{  
    color:rgb(140, 165, 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(140, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 165, 178) }
```

Border

The CSS property to change the border of an element to XYZ 32.3062, 35.7001, 47.3076 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(140, 165, 178) }
```


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

```
.border{ border-color:rgb(140, 165, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 165, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 165, 178);  
box-shadow:4px 4px 4px 4px rgb(140, 165,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3062, 35.7001, 47.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 165, 178) }
```

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

```
.background{ background-color: rgb(140,  
165, 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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