

Converting Colors

XYZ(30.7757, 32.6533, 48.4552)

Have a look what the booklet for
XYZ(30.7757, 32.6533, 48.4552)
contains.

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Color

**XYZ(30.7102, 32.5164,
48.3738)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9CB5
RGB	138, 156, 181
RGB Percent	54%, 61%, 71%
CMY	0.4588, 0.3882, 0.2902
CMYK	0.24, 0.14, 0.00, 0.29
HSL	215°, 23%, 63%
HSV	215°, 24%, 71%
XYZ	30.7102, 32.5164, 48.3738
YIQ	153.4680, -18.7530, 3.9590

Conversions

Conversions Part 2

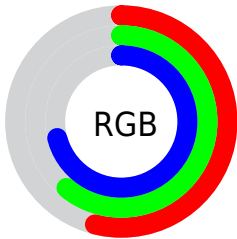
Format	Color
R_{YB}	138, 151, 181
Decimal	9084085
CIE _{Lab}	63.77, -0.73, -15.08
CIE _{LCh}	64, 15.096, 267.239
Yxy	32.5164, 0.2752, 0.2914
Android (android.graphics.Color)	4287274165 (0xFF8A9CB5)
YUV	153.4680, 13.5733, -13.5654
Hunter-Lab	57.0232, -3.6582, -10.3806

Details

The XYZ color **30.7102, 32.5164, 48.3738** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7411, 37.8533, 29.4155**, and the grayscale version is **30.4315, 32.0163, 34.8658**.

A 20% lighter version of the original color is **60.0709, 63.4141, 89.1948**, and **12.8783, 13.6879, 22.3853** is the 20% darker color. If you saturate the color by 10%, you get **26.2717, 27.7203, 47.6825**, and if you desaturate by 10%, it is **35.8027, 37.8784, 49.1409**.

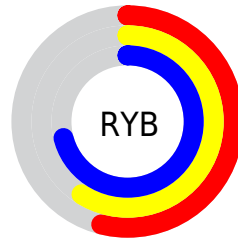
Distribution



Red (54%)

Green (61%)

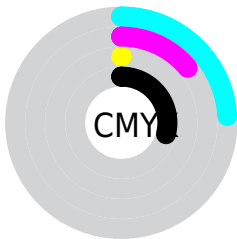
Blue (71%)



Red (54%)

Yellow (59%)

Blue (71%)

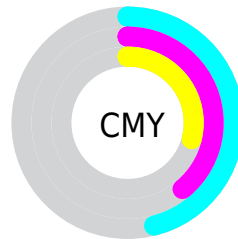


Cyan (24%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (46%)

Magenta (39%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7102, 32.5164, 48.3738 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 30.7102, 32.5164, 48.3738 by changing the saturation by 10% instead.

■ 30.7102, 32.5164,
48.3738

■ 30.7102, 32.5164,
48.3738

297.0518,
313.4649, 396.8232

■ 20.5290, 21.7562,
33.7609

■ 60.1625, 63.6198,
89.1320

■ 12.8907, 13.6779,
22.4341

■ 80.1643, 84.7318,
116.1144

■ 7.4298, 7.8970,
13.9749

■ 104.1703,
110.0632, 148.0571

■ 3.7810, 4.0291,
7.9646

132.5460,
139.9983, 185.3786

■ 1.5790, 1.6899,
3.9849

165.6566,
174.9217, 228.4974

■ 0.3787, 0.4171,
1.6171

203.8675,

■ 0.0000, 0.0000,

215.2177, 277.8321

0.3029

247.5441,
261.2706, 333.8012

■ 0.0000, 0.0000,
0.0000

■ 30.7102, 32.5164,
48.3738

■ 30.7102, 32.5164,
48.3738

■ 26.2717, 27.7203,
47.6825

■ 35.8027, 37.8784,
49.1409

■ 22.4558, 23.4656,
47.0624

■ 41.5730, 43.8217,
49.9839

■ 19.2324, 19.7319,
46.5116

■ 48.0473, 50.3658,
50.9059

■ 16.5681, 16.4956,
46.0274

■ 55.2493, 57.5282,
51.9087

■ 14.4253, 13.7308,
45.6067

■ 63.2018, 65.3256,
52.9947

■ 12.7614, 11.4087,
45.2462

■ 71.9263, 73.7741,
54.1655

■ 11.5260, 9.4961,
44.9421

■ 77.7835, 81.0020,
55.2520

■ 10.9095, 8.4741,
44.7773

■ 80.7951, 87.0253,
56.2558

■ 83.9865, 93.4080,
57.3196

Harmonies

Analogous

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



28.7548, 32.5164, 46.1422



30.7102, 32.5164, 48.3738



32.8069, 32.5164, 46.8155

Triad

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



30.7102, 32.5164, 48.3738



34.6685, 32.5164, 30.3320



27.6073, 32.5164, 29.4631

Complementary

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



30.7102, 32.5164, 48.3738



36.7411, 37.8533, 29.4155

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.



29.0797, 32.5164, 26.0175



30.7102, 32.5164, 48.3738



33.1616, 32.5164, 26.4775

Square

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



30.7102, 32.5164, 48.3738



35.1531, 32.5164, 35.9694



31.1024, 32.5164, 24.9895



27.0153, 32.5164, 34.8462

Rectangle

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



30.7102, 32.5164, 48.3738



33.9922, 32.5164, 43.9252



31.1024, 32.5164, 24.9895



28.0123, 32.5164, 28.0644

Sweetspot

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



30.7112, 32.5177, 48.3745



70.8439, 74.7870, 88.9961



33.5601, 41.0734, 40.5134



15.1797, 16.0284, 19.2160



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.



30.7112, 32.5177, 48.3745



50.3083, 53.1950, 85.9107



28.3916, 27.1650, 47.4636



8.3246, 8.7953, 10.7652



7.5861, 5.9725, 30.8900



0.2969, 0.3043, 0.9913

Inverse Universe

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



34.1461, 30.4019, 35.5224



57.7241, 49.0151, 58.0765



39.5027, 44.3641, 30.5267



8.6390, 8.5623, 9.5975



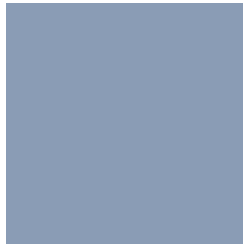
14.0638, 7.1431, 5.4957



0.4719, 0.2365, 0.3276

Previews

White Background



This preview shows how the XYZ color 30.7102, 32.5164, 48.3738 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 30.7102, 32.5164, 48.3738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

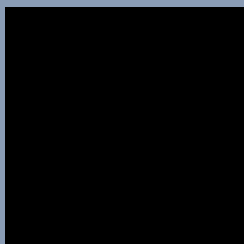
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

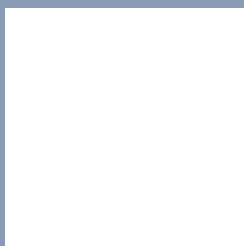
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7102, 32.5164, 48.3738

Background



This preview shows how black text looks on a background with the XYZ color 30.7102, 32.5164, 48.3738.



This preview shows how white text looks on a background with the XYZ color 30.7102, 32.5164,

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

30.7102, 32.5164, 48.3738

Protanopia

31.9223, 32.4267, 47.2243

Deuteranopia

33.2204, 32.5785, 48.7934



Tritanopia

29.6359, 32.5902, 42.7588

Trichromacy



Original Color

30.7102, 32.5164, 48.3738

Protanomaly

31.4709, 32.4262, 47.7802

Deuteranomaly

32.2292, 32.5494, 48.8400

Tritanomaly

30.0135, 32.4883, 44.7334

Monochromacy



Original Color

30.7102, 32.5164, 48.3738

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.3792, 32.0514, 39.2357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7102, 32.5164, 48.3738 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(138, 156, 181)` looks like.

```
.text, #text, p{  
    color:rgb(138, 156, 181)  
}
```

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(138, 156, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 156, 181) }
```

Border

The CSS property to change the border of an element to XYZ 30.7102, 32.5164, 48.3738 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(138, 156, 181) }
```


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

```
.border{ border-color:rgb(138, 156, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 156, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 156, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 156, 181);  
box-shadow:4px 4px 4px 4px rgb(138, 156,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7102, 32.5164, 48.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 156, 181) }
```

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

```
.background{ background-color: rgb(138,  
156, 181) }
```

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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