

Converting Colors

XYZ(50.8650, 60.0299, 74.9579)

Have a look what the booklet for
XYZ(50.8650, 60.0299, 74.9579)
contains.

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Color

**XYZ(50.9463, 60.1240,
75.2496)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D5DA
RGB	160, 213, 218
RGB Percent	63%, 84%, 85%
CMY	0.3725, 0.1647, 0.1451
CMYK	0.27, 0.02, 0.00, 0.15
HSL	185°, 44%, 74%
HSV	185°, 27%, 85%
XYZ	50.9463, 60.1240, 75.2496
YIQ	197.7230, -33.1930, -9.6810

Conversions

Conversions Part 2

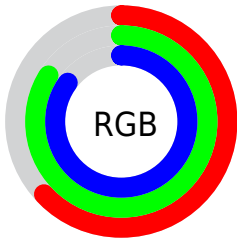
Format	Color
RYB	160, 188, 218
Decimal	10540506
CIELab	81.91, -15.85, -8.02
CIELCh	82, 17.764, 206.849
Yxy	60.1240, 0.2734, 0.3227
Android (android.graphics.Color)	4288730586 (0xFFA0D5DA)
YUV	197.7230, 9.9966, -33.0831
Hunter-Lab	77.5397, -18.4136, -3.2612

Details

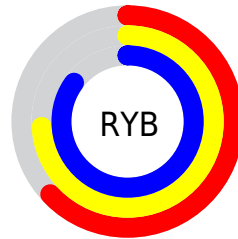
The XYZ color **50.9463, 60.1240, 75.2496** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.7144, 44.3541, 39.2526**, and the grayscale version is **53.4654, 56.2498, 61.2560**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **24.9011, 30.2239, 39.1717** is the 20% darker color. If you saturate the color by 10%, you get **46.4953, 57.1336, 74.9080**, and if you desaturate by 10%, it is **56.1704, 63.5241, 75.6315**.

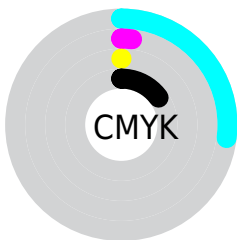
Distribution



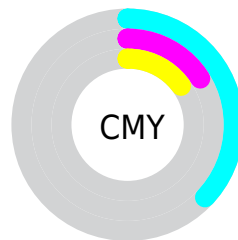
- Red (63%)
- Green (84%)
- Blue (85%)



- Red (63%)
- Yellow (74%)
- Blue (85%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (37%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9463, 60.1240, 75.2496 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 50.9463, 60.1240, 75.2496 by changing the saturation by 10% instead.

■ 50.9463, 60.1240,
75.2496

■ 50.9463, 60.1240,
75.2496

380.7462,
425.0547, 498.0533

■ 36.3867, 43.5186,
55.3144

■ 90.7589, 105.0095,
128.4160

■ 24.9045, 30.2922,
39.2532

■ 116.7426,
134.0584, 162.4842

■ 16.1343, 20.0605,
26.6474

147.2650,
168.0240, 202.1006

■ 9.7107, 12.4390,
17.0785

182.6916,
207.2905, 247.6837

■ 5.2683, 7.0434,
10.1279

223.3877,
252.2424, 299.6520

■ 2.4419, 3.4893,
5.3772

269.7185,

■ 0.8661, 1.3922,

303.2642, 358.4240

2.4076

322.0496,
360.7401, 424.4182

■ 0.0000, 0.2110,
0.7906

■ 0.0000, 0.0000,
0.0000

■ 50.9463, 60.1240,
75.2496

■ 50.9463, 60.1240,
75.2496

■ 46.4953, 57.1336,
74.9080

■ 56.1704, 63.5241,
75.6315

■ 42.7723, 54.5250,
74.6007

■ 62.1994, 67.3458,
76.0514

■ 39.7355, 52.2783,
74.3271

■ 69.0697, 71.6094,
76.5123

■ 37.3366, 50.3685,
74.0849

■ 76.8138, 76.3317,
77.0156

■ 35.5212, 48.7675,
73.8716

■ 80.1216, 78.7752,
77.3129

■ 34.2256, 47.4424,
73.6841

■ 80.6245, 79.7809,
77.4805

■ 33.3685, 46.3514,
73.5187

■ 81.1330, 80.7978,
77.6500

■ 33.1286, 46.0091,
73.4652

■ 81.6470, 81.8259,
77.8214

■ 82.1667, 82.8653,
77.9946

Harmonies

Analogous

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



50.2391, 60.1240, 64.3352



50.9463, 60.1240, 75.2496



53.2899, 60.1240, 84.3374

Triad

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



50.9463, 60.1240, 75.2496



63.4033, 60.1240, 77.4297



57.5437, 60.1240, 46.9211

Complementary

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



50.9463, 60.1240, 75.2496



48.7144, 44.3541, 39.2526

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.



61.1839, 60.1240, 49.6412



50.9463, 60.1240, 75.2496



64.6587, 60.1240, 66.6076

Square

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



50.9463, 60.1240, 75.2496



60.4676, 60.1240, 85.6898



63.8294, 60.1240, 56.5673



53.9484, 60.1240, 48.7024

Rectangle

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



50.9463, 60.1240, 75.2496



55.5198, 60.1240, 87.7229



63.8294, 60.1240, 56.5673



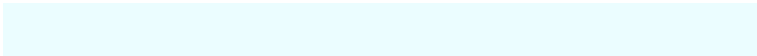
58.8037, 60.1240, 47.3314

Sweetspot

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



50.9481, 60.1264, 75.2510



87.3808, 95.2178, 108.3811



46.3461, 60.3280, 44.7208



18.4131, 20.1979, 23.1781



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.



50.9481, 60.1264, 75.2510



68.9301, 83.2657, 107.0466



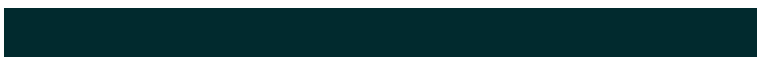
44.3284, 46.8870, 73.0444



13.3439, 14.6276, 16.7722



19.8869, 27.6433, 44.0259



1.3172, 1.8485, 2.8618

Inverse Universe

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



53.4959, 44.8525, 68.7913



73.1989, 58.0762, 96.1336



54.5144, 55.9541, 41.1859



13.5635, 13.2545, 16.2284



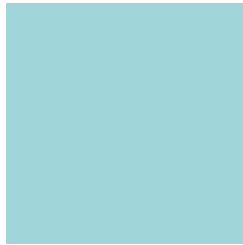
23.5333, 11.4144, 33.5182



1.5391, 0.7453, 2.2481

Previews

White Background



This preview shows how the XYZ color 50.9463, 60.1240, 75.2496 looks on a white background.

Color Contrast Check

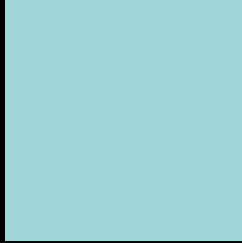
Large Text (above 18pt) WCAG AA × Fail

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 50.9463, 60.1240, 75.2496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

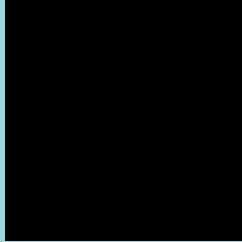
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9463, 60.1240, 75.2496

Background



This preview shows how black text looks on a background with the XYZ color 50.9463, 60.1240, 75.2496.



This preview shows how white text looks on a background with the XYZ color 50.9463, 60.1240,

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

50.9463, 60.1240, 75.2496

Protanopia

57.7802, 59.7816, 70.1217

Deuteranopia

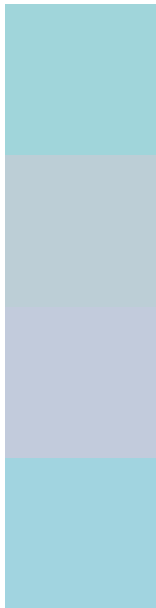
60.7490, 59.4491, 76.6796



Tritanopia

52.1981, 59.8713, 82.2040

Trichromacy



Original Color

50.9463, 60.1240, 75.2496

Protanomaly

54.9479, 59.6890, 72.2434

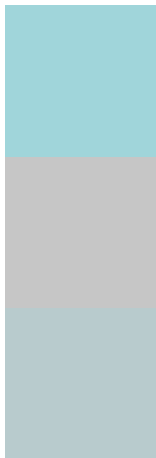
Deuteranomaly

56.5223, 59.3485, 76.1865

Tritanomaly

51.6960, 60.0459, 79.3864

Monochromacy



Original Color

50.9463, 60.1240, 75.2496

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.1425, 57.3100, 66.0713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9463, 60.1240, 75.2496 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(160, 213, 218)` looks like.

```
.text, #text, p{  
    color:rgb(160, 213, 218)  
}
```

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(160, 213, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 213, 218) }
```

Border

The CSS property to change the border of an element to XYZ 50.9463, 60.1240, 75.2496 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(160, 213, 218) }
```


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

```
.border{ border-color:rgb(160, 213, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 213, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 213, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 213, 218);  
box-shadow:4px 4px 4px 4px rgb(160, 213,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9463, 60.1240, 75.2496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 213, 218) }
```

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

```
.background{ background-color: rgb(160,  
213, 218) }
```

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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