

Converting Colors

XYZ(50.7490, 60.3356, 78.0784)

Have a look what the booklet for
XYZ(50.7490, 60.3356, 78.0784)
contains.

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Color

**XYZ(50.7490, 60.3356,
78.0784)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD6DE
RGB	155, 214, 222
RGB Percent	61%, 84%, 87%
CMY	0.3921, 0.1608, 0.1294
CMYK	0.30, 0.04, 0.00, 0.13
HSL	187°, 50%, 74%
HSV	187°, 30%, 87%
XYZ	50.7490, 60.3356, 78.0784
YIQ	197.2710, -37.7320, -10.0200

Conversions

Conversions Part 2

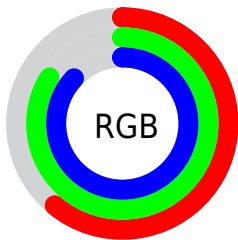
Format	Color
R _{YB}	155, 186, 222
Decimal	10213086
CIE _{Lab}	82.02, -16.87, -10.01
CIE _{LCh}	82, 19.617, 210.695
Yxy	60.3356, 0.2683, 0.3190
Android (android.graphics.Color)	4288403166 (0xFF9BD6DE)
YUV	197.2710, 12.1914, -37.0717
Hunter-Lab	77.6760, -19.3114, -5.2240

Details

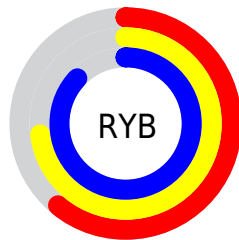
The XYZ color **50.7490, 60.3356, 78.0784** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.1387, 44.0912, 36.9325**, and the grayscale version is **53.1811, 55.9506, 60.9302**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **24.7400, 30.3530, 41.1140** is the 20% darker color. If you saturate the color by 10%, you get **46.2091, 57.0091, 77.6766**, and if you desaturate by 10%, it is **56.0866, 64.0925, 78.5232**.

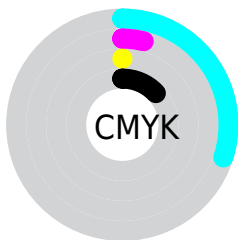
Distribution



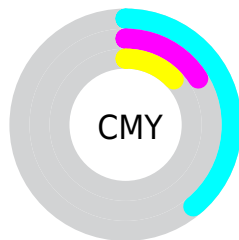
- Red (61%)
- Green (84%)
- Blue (87%)



- Red (61%)
- Yellow (73%)
- Blue (87%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)





- Cyan (39%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7490, 60.3356, 78.0784 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 50.7490, 60.3356, 78.0784 by changing the saturation by 10% instead.


 50.7490, 60.3356,
78.0784


 50.7490, 60.3356,
78.0784


379.9916,
425.8337, 507.9680

 36.2291, 43.6892,
57.6216


 90.4688, 105.3163,
132.4475

 24.7821, 30.4262,
41.0918


 116.3995,
134.4195, 167.1969

 16.0427, 20.1623,
28.0706


146.8645,
168.4436, 207.5474

 9.6454, 12.5131,
18.1394

182.2292,
207.7732, 253.9178

 5.2249, 7.0941,
10.8796

222.8588,
252.7926, 306.7265

 2.4159, 3.5210,
5.8728

269.1189,

 0.8531, 1.4094,

303.8862, 366.3921

2.7003

321.3747,
361.4385, 433.3331

■ 0.0000, 0.2237,
0.9436

■ 0.0000, 0.0000,
0.0000

■ 50.7490, 60.3356,
78.0784

■ 50.7490, 60.3356,
78.0784

■ 46.2091, 57.0091,
77.6766

■ 56.0866, 64.0925,
78.5232

■ 42.4186, 54.0836,
77.3117

■ 62.2564, 68.2932,
79.0089

■ 39.3320, 51.5370,
76.9828

■ 69.2971, 72.9592,
79.5384

■ 36.8969, 49.3422,
76.6876

■ 77.2436, 78.1086,
80.1135

■ 35.0531, 47.4681,
76.4230

■ 81.9636, 81.6112,
80.5408

■ 33.7294, 45.8779,
76.1858

■ 82.6951, 83.0742,
80.7847

■ 32.8126, 44.5292,
75.9738

■ 83.4378, 84.5597,
81.0322

■ 84.1918, 86.0676,
81.2836

■ 84.9571, 87.5982,
81.5387

Harmonies

Analogous

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



49.7250, 60.3356, 65.9729



50.7490, 60.3356, 78.0784



53.5256, 60.3356, 87.7315

Triad

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



50.7490, 60.3356, 78.0784



64.5986, 60.3356, 77.5408



57.2504, 60.3356, 45.3726

Complementary

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



50.7490, 60.3356, 78.0784



49.1387, 44.0912, 36.9325

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.



61.3465, 60.3356, 47.6974



50.7490, 60.3356, 78.0784



65.7110, 60.3356, 65.4183

Square

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



50.7490, 60.3356, 78.0784



61.5221, 60.3356, 87.3956



64.4938, 60.3356, 54.6959



53.3656, 60.3356, 47.9217

Rectangle

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



50.7490, 60.3356, 78.0784



56.0652, 60.3356, 90.9555



64.4938, 60.3356, 54.6959



58.6485, 60.3356, 45.6069

Sweetspot

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



50.7508, 60.3380, 78.0798



86.2372, 94.1687, 108.2389



46.2346, 61.8501, 44.0672



18.1734, 19.9649, 23.1457



0.0000, 0.0000, 0.0000



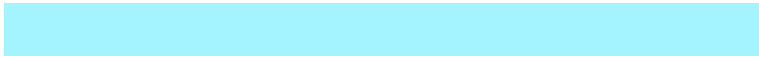
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7508, 60.3380, 78.0798



65.5585, 79.7542, 106.5465



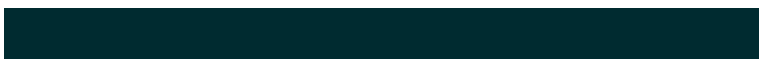
43.1633, 45.1631, 75.5506



13.9696, 15.2784, 17.6004



19.5440, 26.5576, 45.1444



1.3946, 1.9207, 3.1425

Inverse Universe

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



53.9847, 43.8289, 69.2355



70.7082, 54.0597, 92.3291



55.8533, 57.5204, 39.1706



14.2209, 13.9060, 16.9333



23.8051, 11.5891, 31.9692



1.6702, 0.8114, 2.3221

Previews

White Background



This preview shows how the XYZ color 50.7490, 60.3356, 78.0784 looks on a white background.

Color Contrast Check

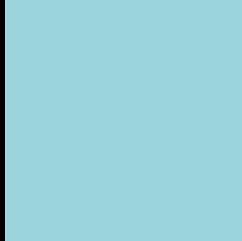
Large Text (above 18pt) WCAG AA × Fail

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 50.7490, 60.3356, 78.0784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

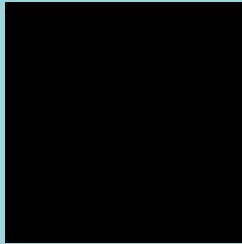
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7490, 60.3356, 78.0784

Background



This preview shows how black text looks on a background with the XYZ color 50.7490, 60.3356, 78.0784.

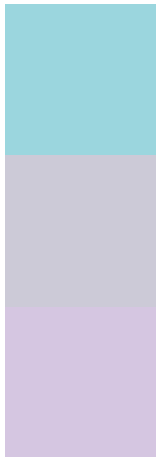


This preview shows how white text looks on a background with the XYZ color 50.7490, 60.3356,

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

50.7490, 60.3356, 78.0784

Protanopia

58.2881, 59.9847, 72.7961

Deuteranopia

61.2253, 59.9705, 79.5827



Tritanopia

51.9818, 60.4698, 83.7950

Trichromacy



Original Color

50.7490, 60.3356, 78.0784

Protanomaly

54.9759, 59.6437, 74.9445

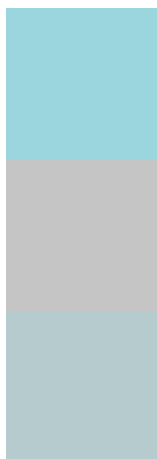
Deuteranomaly

56.7856, 59.7740, 79.0656

Tritanomaly

51.3697, 60.2025, 81.5858

Monochromacy



Original Color

50.7490, 60.3356, 78.0784

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.7879, 57.1132, 66.6870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7490, 60.3356, 78.0784 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(155, 214, 222)` looks like.

```
.text, #text, p{  
    color:rgb(155, 214, 222)  
}
```

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(155, 214, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 214, 222) }
```

Border

The CSS property to change the border of an element to XYZ 50.7490, 60.3356, 78.0784 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(155, 214, 222) }
```


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

```
.border{ border-color:rgb(155, 214, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 214, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 214, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 214, 222);  
box-shadow:4px 4px 4px 4px rgb(155, 214,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7490, 60.3356, 78.0784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 214, 222) }
```

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

```
.background{ background-color: rgb(155,  
214, 222) }
```

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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