

Converting Colors

XYZ(50.1454, 61.1425, 74.6350)

Have a look what the booklet for
XYZ(50.1454, 61.1425, 74.6350)
contains.

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Color

**XYZ(50.2861, 61.3109,
74.8295)**

Conversions

Conversions Part 1

Format	Color
Hex	98D9D9
RGB	152, 217, 217
RGB Percent	60%, 85%, 85%
CMY	0.4039, 0.1490, 0.1490
CMYK	0.30, 0.00, 0.00, 0.15
HSL	180°, 46%, 72%
HSV	180°, 30%, 85%
XYZ	50.2861, 61.3109, 74.8295
YIQ	197.5650, -38.7400, -13.7800

Conversions

Conversions Part 2

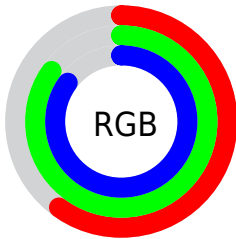
Format	Color
R _{YB}	152, 185, 217
Decimal	10017241
CIE Lab	82.55, -20.37, -6.59
CIE LCh	83, 21.409, 197.926
Yxy	61.3109, 0.2697, 0.3289
Android (android.graphics.Color)	4288207321 (0xFF98D9D9)
YUV	197.5650, 9.5815, -39.9605
Hunter-Lab	78.3013, -22.3922, -1.8503

Details

The XYZ color **50.2861, 61.3109, 74.8295** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.5131, 39.4768, 34.9290**, and the grayscale version is **53.3746, 56.1542, 61.1520**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **24.4789, 31.0460, 38.8847** is the 20% darker color. If you saturate the color by 10%, you get **46.5907, 59.4074, 74.6573**, and if you desaturate by 10%, it is **54.7281, 63.6023, 75.0393**.

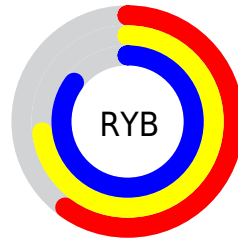
Distribution



Red (60%)

Green (85%)

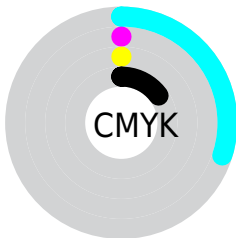
Blue (85%)



Red (60%)

Yellow (73%)

Blue (85%)

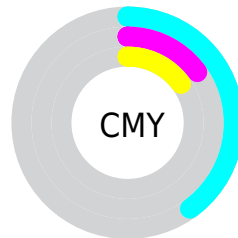


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (15%)



Cyan (40%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2861, 61.3109, 74.8295 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 50.2861, 61.3109, 74.8295 by changing the saturation by 10% instead.

■ 50.2861, 61.3109,
74.8295

■ 50.2861, 61.3109,
74.8295

378.2172,
429.4130, 496.5711

■ 35.8595, 44.4761,
54.9723

■ 89.7879, 106.7290,
127.8159

■ 24.4953, 31.0450,
38.9811

■ 115.5939,
136.0810, 161.7821

■ 15.8282, 20.6331,
26.4373

145.9236,
170.3743, 201.2885

■ 9.4927, 12.8561,
16.9224

181.1426,
209.9933, 246.7536

■ 5.1236, 7.3295,
10.0178

221.6160,
255.3222, 298.5958

■ 2.3555, 3.6690,
5.3050

267.7094,

■ 0.8228, 1.4902,

306.7455, 357.2338

2.3655

319.7880,
364.6477, 423.0860

■ 0.0000, 0.2818,
0.7675

■ 0.0000, 0.0000,
0.0000

■ 50.2861, 61.3109,
74.8295

■ 50.2861, 61.3109,
74.8295

■ 46.5907, 59.4074,
74.6573

■ 54.7281, 63.6023,
75.0393

■ 43.5961, 57.8636,
74.5165

■ 59.9488, 66.2937,
75.2842

■ 41.2594, 56.6591,
74.4066

■ 65.9850, 69.4055,
75.5673

■ 39.5314, 55.7682,
74.3251

■ 72.8695, 72.9546,
75.8901

■ 38.3553, 55.1620,
74.2695

■ 78.5791, 75.8979,
76.1579

■ 37.6643, 54.8057,
74.2365

■ 78.5792, 75.8980,
76.1585

■ 37.3390, 54.6380,
74.2207

■ 78.5793, 75.8980,
76.1591

■ 37.3377, 54.6374,
74.2206

■ 78.5794, 75.8981,
76.1597

■ 78.5796, 75.8981,
76.1604

Harmonies

Analogous

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



50.0753, 61.3109, 61.6165



50.2861, 61.3109, 74.8295



52.5669, 61.3109, 87.2955

Triad

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



50.2861, 61.3109, 74.8295



65.0625, 61.3109, 85.1350



60.1368, 61.3109, 44.9958

Complementary

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



50.2861, 61.3109, 74.8295



45.5131, 39.4768, 34.9290

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.



64.3803, 61.3109, 49.7228



50.2861, 61.3109, 74.8295



67.3224, 61.3109, 72.1760

Square

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



50.2861, 61.3109, 74.8295



61.0286, 61.3109, 93.7610



67.0663, 61.3109, 59.2873



55.6039, 61.3109, 45.5104

Rectangle

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



50.2861, 61.3109, 74.8295



55.0251, 61.3109, 92.9798



67.0663, 61.3109, 59.2873



61.6486, 61.3109, 45.9960

Sweetspot

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



50.2879, 61.3134, 74.8309



87.1048, 95.9041, 108.5274



43.6347, 58.6756, 38.7326



18.3888, 20.3959, 23.2174



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.



50.2879, 61.3134, 74.8309



68.9546, 86.5474, 107.6756



42.9463, 46.6296, 72.3854



13.4449, 14.8296, 16.8058



22.6013, 33.0731, 44.9273



1.4642, 2.1426, 2.9106

Inverse Universe

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



45.5131, 39.4768, 34.9290



61.0019, 50.1771, 41.2161



51.3045, 51.0599, 36.8584



13.0561, 13.0515, 13.5568



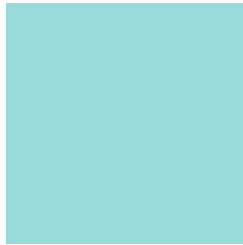
17.3222, 8.9299, 0.8109



1.1222, 0.5785, 0.0526

Previews

White Background



This preview shows how the XYZ color 50.2861, 61.3109, 74.8295 looks on a white background.

Color Contrast Check

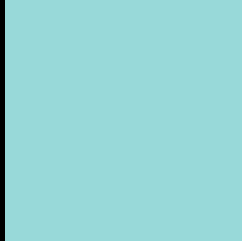
Large Text (above 18pt) WCAG AA × Fail

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 50.2861, 61.3109, 74.8295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

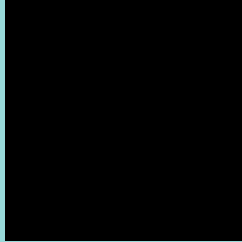
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2861, 61.3109, 74.8295

Background



This preview shows how black text looks on a background with the XYZ color 50.2861, 61.3109, 74.8295.



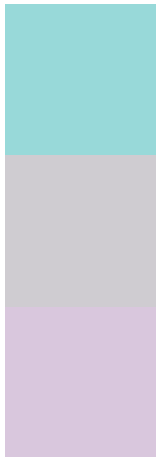
This preview shows how white text looks on a background with the XYZ color 50.2861, 61.3109,

74.8295.

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

50.2861, 61.3109, 74.8295

Protanopia

58.8336, 61.0546, 69.0054

Deuteranopia

62.0898, 60.8190, 76.8734



Tritanopia

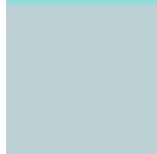
52.3835, 61.3956, 85.4336

Trichromacy



Original Color

50.2861, 61.3109, 74.8295



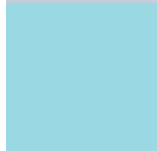
Protanomaly

55.1776, 60.9192, 71.1378



Deuteranomaly

56.9819, 60.6474, 76.4130



Tritanomaly

51.7474, 61.5278, 81.8217

Monochromacy



Original Color

50.2861, 61.3109, 74.8295



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

51.9068, 57.8942, 66.1965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2861, 61.3109, 74.8295 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(152, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(152, 217, 217)  
}
```

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(152, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 217, 217) }
```

Border

The CSS property to change the border of an element to XYZ 50.2861, 61.3109, 74.8295 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(152, 217, 217) }
```


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

```
.border{ border-color:rgb(152, 217, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(152, 217,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2861, 61.3109, 74.8295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 217, 217) }
```

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

```
.background{ background-color: rgb(152,  
217, 217) }
```

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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