

Converting Colors

XYZ(50.2219, 61.6496, 75.5304)

Have a look what the booklet for
XYZ(50.2219, 61.6496, 75.5304)
contains.

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Color

**XYZ(50.3040, 61.6888,
75.5855)**

Conversions

Conversions Part 1

Format	Color
Hex	96DADA
RGB	150, 218, 218
RGB Percent	59%, 85%, 85%
CMY	0.4118, 0.1451, 0.1451
CMYK	0.31, 0.00, 0.00, 0.15
HSL	180°, 48%, 72%
HSV	180°, 31%, 85%
XYZ	50.3040, 61.6888, 75.5855
YIQ	197.6680, -40.5280, -14.4160

Conversions

Conversions Part 2

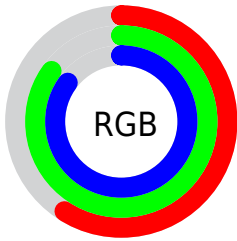
Format	Color
R _{YB}	150, 184, 218
Decimal	9886426
CIE Lab	82.75, -21.19, -6.83
CIE LCh	83, 22.267, 197.872
Yxy	61.6888, 0.2682, 0.3289
Android (android.graphics.Color)	4288076506 (0xFF96DADA)
YUV	197.6680, 10.0237, -41.8048
Hunter-Lab	78.5422, -23.1248, -2.0785

Details

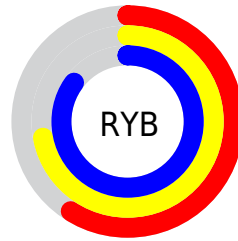
The XYZ color **50.3040, 61.6888, 75.5855** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.3270, 38.9220, 33.9803**, and the grayscale version is **53.4352, 56.2180, 61.2214**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **24.5319, 31.3255, 39.4038** is the 20% darker color. If you saturate the color by 10%, you get **46.6601, 59.8118, 75.4158**, and if you desaturate by 10%, it is **54.6978, 63.9554, 75.7930**.

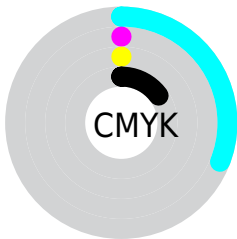
Distribution



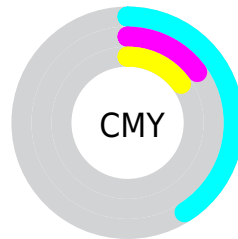
- Red (59%)
- Green (85%)
- Blue (85%)



- Red (59%)
- Yellow (72%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)





- Cyan (41%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3040, 61.6888, 75.5855 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 50.3040, 61.6888, 75.5855 by changing the saturation by 10% instead.


 50.3040, 61.6888,
75.5855


 50.3040, 61.6888,
75.5855


378.2859,
430.7950, 499.2366

 35.8738, 44.7813,
55.5881


 89.8143, 107.2756,
128.8955

 24.5064, 31.2852,
39.4710


 115.6250,
136.7237, 163.0452

 15.8365, 20.8161,
26.8157


145.9600,
171.1208, 202.7494

 9.4986, 12.9897,
17.2036

181.1846,
210.8513, 248.4266

 5.1275, 7.4214,
10.2163

221.6641,
256.2996, 300.4954

 2.3578, 3.7270,
5.4351

267.7640,

 0.8240, 1.5221,

307.8500, 359.3743

2.4416

319.8495,
365.8871, 425.4819

■ 0.0000, 0.3042,
0.8090

■ 0.0000, 0.0000,
0.0000

■ 50.3040, 61.6888,
75.5855

■ 50.3040, 61.6888,
75.5855

■ 46.6601, 59.8118,
75.4158

■ 54.6978, 63.9554,
75.7930

■ 43.7191, 58.2957,
75.2776

■ 59.8744, 66.6240,
76.0358

■ 41.4375, 57.1195,
75.1702

■ 65.8711, 69.7154,
76.3170

■ 39.7644, 56.2570,
75.0914

■ 72.7215, 73.2469,
76.6381

■ 38.6415, 55.6782,
75.0383

■ 78.9681, 76.4671,
76.9310

■ 37.9994, 55.3472,
75.0077

■ 78.9682, 76.4672,
76.9316

■ 37.7268, 55.2066,
74.9945

■ 78.9683, 76.4672,
76.9321

■ 78.9684, 76.4673,
76.9327

■ 78.9685, 76.4673,
76.9332

Harmonies

Analogous

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



50.0888, 61.6888, 61.7823



50.3040, 61.6888, 75.5855



52.6747, 61.6888, 88.6716

Triad

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



50.3040, 61.6888, 75.5855



65.7264, 61.6888, 86.4433



60.5881, 61.6888, 44.5566

Complementary

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



50.3040, 61.6888, 75.5855



45.3270, 38.9220, 33.9803

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.



65.0253, 61.6888, 49.4575



50.3040, 61.6888, 75.5855



68.0982, 61.6888, 72.8592

Square

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



50.3040, 61.6888, 75.5855



61.5030, 61.6888, 95.5032



67.8349, 61.6888, 59.4010



55.8544, 61.6888, 45.0785

Rectangle

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



50.3040, 61.6888, 75.5855



55.2349, 61.6888, 94.6592



67.8349, 61.6888, 59.4010



62.1684, 61.6888, 45.5936

Sweetspot

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



50.3058, 61.6913, 75.5869



87.1048, 95.9041, 108.5275



43.3656, 58.9394, 37.9464



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.



50.3058, 61.6913, 75.5869



68.4369, 86.2805, 107.6516



42.6113, 46.3018, 73.0237



13.4449, 14.8296, 16.8058



22.6014, 33.0732, 44.9277



1.4642, 2.1426, 2.9107

Inverse Universe

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



45.3270, 38.9220, 33.9803



60.3263, 49.1886, 39.8730



51.3267, 50.9216, 35.9792



13.0561, 13.0515, 13.5567



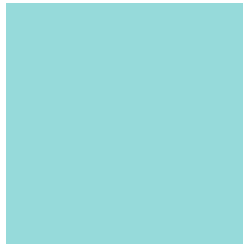
17.3222, 8.9299, 0.8108



1.1222, 0.5785, 0.0526

Previews

White Background



This preview shows how the XYZ color 50.3040, 61.6888, 75.5855 looks on a white background.

Color Contrast Check

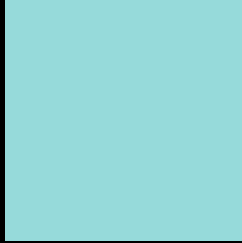
Large Text (above 18pt) WCAG AA × Fail

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 50.3040, 61.6888, 75.5855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

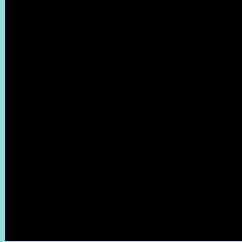
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3040, 61.6888, 75.5855

Background



This preview shows how black text looks on a background with the XYZ color 50.3040, 61.6888, 75.5855.



This preview shows how white text looks on a background with the XYZ color 50.3040, 61.6888,

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

50.3040, 61.6888, 75.5855

Protanopia

58.9579, 61.1043, 69.6597

Deuteranopia

62.2235, 60.8725, 77.5773



Tritanopia

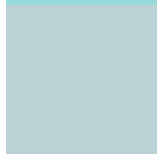
52.5903, 61.8650, 86.2601

Trichromacy



Original Color

50.3040, 61.6888, 75.5855



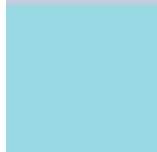
Protanomaly

55.0604, 60.8441, 71.7929



Deuteranomaly

57.1148, 60.7005, 77.1127



Tritanomaly

51.9533, 61.9994, 82.6276

Monochromacy



Original Color

50.3040, 61.6888, 75.5855



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 50.3040, 61.6888, 75.5855 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(150, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(150, 218, 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(150, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 50.3040, 61.6888, 75.5855 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(150, 218, 218) }
```


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

```
.border{ border-color:rgb(150, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(150, 218,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3040, 61.6888, 75.5855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 218, 218) }
```

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

```
.background{ background-color: rgb(150,  
218, 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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