

Converting Colors

XYZ(49.5487, 61.3023, 75.5531)

Have a look what the booklet for
XYZ(49.5487, 61.3023, 75.5531)
contains.

XYZ(49.5804, 61.3158, 75.5516)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.5804, 61.3158,
75.5516)**

Conversions

Conversions Part 1

Format	Color
Hex	92DADA
RGB	146, 218, 218
RGB Percent	57%, 85%, 85%
CMY	0.4274, 0.1451, 0.1451
CMYK	0.33, 0.00, 0.00, 0.15
HSL	180°, 49%, 71%
HSV	180°, 33%, 85%
XYZ	49.5804, 61.3158, 75.5516
YIQ	196.4720, -42.9120, -15.2640

Conversions

Conversions Part 2

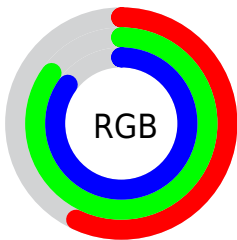
Format	Color
R _{YB}	146, 182, 218
Decimal	9624282
CIE _{Lab}	82.55, -22.28, -7.15
CIE _{LCh}	83, 23.401, 197.793
Yxy	61.3158, 0.2659, 0.3289
Android (android.graphics.Color)	4287814362 (0xFF92DADA)
YUV	196.4720, 10.6133, -44.2639
Hunter-Lab	78.3044, -24.0110, -2.3926

Details

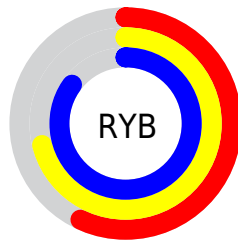
The XYZ color **49.5804, 61.3158, 75.5516** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.3828, 37.5404, 32.1034**, and the grayscale version is **52.7110, 55.4561, 60.3916**.

A 20% lighter version of the original color is **78.1671, 91.2966, 108.1099**, and **24.0224, 31.0629, 39.3799** is the 20% darker color. If you saturate the color by 10%, you get **46.0690, 59.5071, 75.3881**, and if you desaturate by 10%, it is **53.8344, 63.5103, 75.7525**.

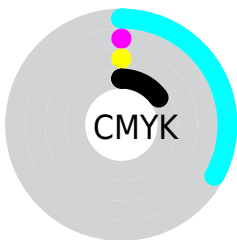
Distribution



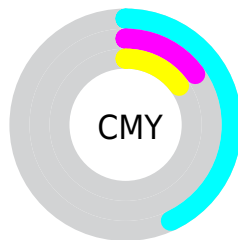
- Red (57%)
- Green (85%)
- Blue (85%)



- Red (57%)
- Yellow (71%)
- Blue (85%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (43%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5804, 61.3158, 75.5516 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 49.5804, 61.3158, 75.5516 by changing the saturation by 10% instead.

■ 49.5804, 61.3158,
75.5516

■ 49.5804, 61.3158,
75.5516

375.5019,
429.4310, 499.1173

■ 35.2965, 44.4801,
55.5604

■ 88.7484, 106.7361,
128.8471

■ 24.0590, 31.0481,
39.4490

■ 114.3633,
136.0894, 162.9886

■ 15.5023, 20.6355,
26.7987

144.4859,
170.3840, 202.6839

■ 9.2613, 12.8578,
17.1910

179.4815,
210.0044, 248.3517

■ 4.9705, 7.3307,
10.2074

219.7156,
255.3349, 300.4103

■ 2.2645, 3.6698,
5.4293

265.5535,

■ 0.7764, 1.4906,

306.7599, 359.2784

2.4382

317.3605,
364.6638, 425.3746

■ 0.0000, 0.2821,
0.8071

■ 0.0000, 0.0000,
0.0000

■ 49.5804, 61.3158,
75.5516

■ 49.5804, 61.3158,
75.5516

■ 46.0690, 59.5071,
75.3881

■ 53.8344, 63.5103,
75.7525

■ 43.2526, 58.0552,
75.2557

■ 58.8642, 66.1033,
75.9885

■ 41.0866, 56.9386,
75.1538

■ 64.7079, 69.1158,
76.2625

■ 39.5190, 56.1305,
75.0799

■ 71.3992, 72.5653,
76.5762

■ 38.4900, 55.6001,
75.0312

■ 78.9680, 76.4671,
76.9309

■ 37.9272, 55.3099,
75.0044

■ 78.9681, 76.4672,
76.9315

■ 37.7268, 55.2067,
74.9946

■ 78.9682, 76.4672,
76.9320

■ 78.9684, 76.4673,
76.9325

■ 78.9685, 76.4673,
76.9331

Harmonies

Analogous

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



49.3626, 61.3158, 61.0981



49.5804, 61.3158, 75.5516



52.0446, 61.3158, 89.3506

Triad

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



49.5804, 61.3158, 75.5516



65.7084, 61.3158, 87.0618



60.3392, 61.3158, 43.2678

Complementary

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



49.5804, 61.3158, 75.5516



44.3828, 37.5404, 32.1034

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.



64.9920, 61.3158, 48.3434



49.5804, 61.3158, 75.5516



68.2089, 61.3158, 72.7666

Square

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



49.5804, 61.3158, 75.5516



61.2720, 61.3158, 96.6227



67.9394, 61.3158, 58.6829



55.3848, 61.3158, 43.7910

Rectangle

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



49.5804, 61.3158, 75.5516



54.7137, 61.3158, 95.6960



67.9394, 61.3158, 58.6829



61.9955, 61.3158, 44.3418

Sweetspot

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



49.5822, 61.3182, 75.5530



86.2827, 95.4803, 108.4889



42.3302, 58.4422, 36.2450



18.2251, 20.3115, 23.2097



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.



49.5822, 61.3182, 75.5530



66.9463, 85.5121, 107.5817



41.4856, 45.1246, 72.8558



13.4449, 14.8296, 16.8058



22.6014, 33.0732, 44.9278



1.4642, 2.1426, 2.9107

Inverse Universe

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



44.3828, 37.5404, 32.1034



58.3813, 46.3425, 36.0065



50.5872, 49.9495, 34.1705



13.0561, 13.0515, 13.5567



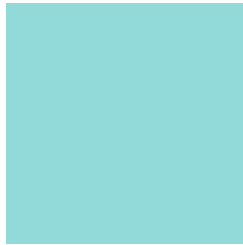
17.3222, 8.9299, 0.8108



1.1222, 0.5785, 0.0526

Previews

White Background



This preview shows how the XYZ color 49.5804, 61.3158, 75.5516 looks on a white background.

Color Contrast Check

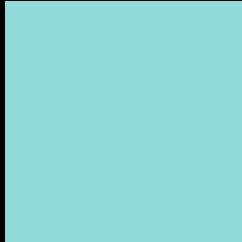
Large Text (above 18pt) WCAG AA × Fail

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 49.5804, 61.3158, 75.5516 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 49.5804, 61.3158, 75.5516

Background



This preview shows how black text looks on a background with the XYZ color 49.5804, 61.3158, 75.5516.



This preview shows how white text looks on a background with the XYZ color 49.5804, 61.3158,

75.5516.

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

49.5804, 61.3158, 75.5516

Protanopia

58.5967, 60.5807, 68.9265

Deuteranopia

61.9271, 60.7197, 77.5634



Tritanopia

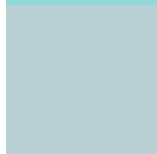
51.8415, 61.4790, 86.2251

Trichromacy



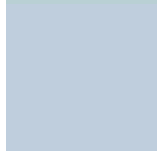
Original Color

49.5804, 61.3158, 75.5516



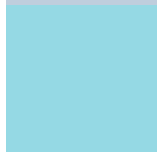
Protanomaly

54.4471, 60.1795, 71.0335



Deuteranomaly

56.6083, 60.4394, 77.0890



Tritanomaly

51.2109, 61.6167, 82.5929

Monochromacy



Original Color

49.5804, 61.3158, 75.5516



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

50.8520, 57.0103, 65.4506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5804, 61.3158, 75.5516 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(146, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 49.5804, 61.3158, 75.5516 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(146, 218, 218) }
```


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

```
.border{ border-color:rgb(146, 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(146, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(146, 218,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5804, 61.3158, 75.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 218, 218) }
```

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

```
.background{ background-color: rgb(146,  
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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