

Converting Colors

XYZ(48.6028, 60.0106, 73.9350)

Have a look what the booklet for
XYZ(48.6028, 60.0106, 73.9350)
contains.

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Color

**XYZ(48.6276, 60.0893,
74.0012)**

Conversions

Conversions Part 1

Format	Color
Hex	91D8D8
RGB	145, 216, 216
RGB Percent	57%, 85%, 85%
CMY	0.4314, 0.1529, 0.1529
CMYK	0.33, 0.00, 0.00, 0.15
HSL	180°, 48%, 71%
HSV	180°, 33%, 85%
XYZ	48.6276, 60.0893, 74.0012
YIQ	194.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

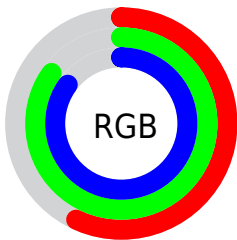
Format	Color
RYB	145, 181, 216
Decimal	9558232
CIELab	81.89, -22.03, -7.07
CIELCh	82, 23.133, 197.801
Yxy	60.0893, 0.2661, 0.3289
Android (android.graphics.Color)	4287748312 (0xFF91D8D8)
YUV	194.7710, 10.4659, -43.6492
Hunter-Lab	77.5173, -23.6799, -2.3386

Details

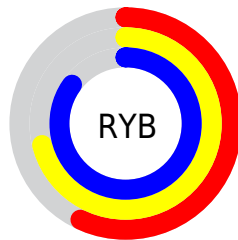
The XYZ color **48.6276, 60.0893, 74.0012** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.5572, 36.8959, 31.6163**, and the grayscale version is **51.6947, 54.3868, 59.2272**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **23.4923, 30.2871, 38.3260** is the 20% darker color. If you saturate the color by 10%, you get **45.1778, 58.3123, 73.8406**, and if you desaturate by 10%, it is **52.8046, 62.2441, 74.1985**.

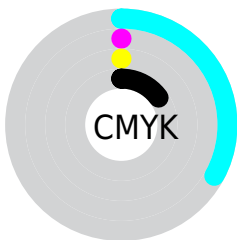
Distribution



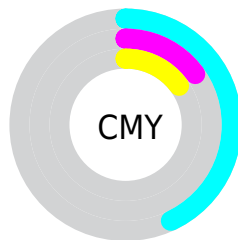
- Red (57%)
- Green (85%)
- Blue (85%)



- 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 48.6276, 60.0893, 74.0012 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 48.6276, 60.0893, 74.0012 by changing the saturation by 10% instead.


 48.6276, 60.0893,
74.0012


 48.6276, 60.0893,
74.0012


371.8157,
424.9269, 493.6410

 34.5375, 43.4906,
54.2982


 87.3422, 104.9592,
126.6316

 23.4716, 30.2702,
38.4453


 112.6973,
133.9992, 160.3960

 15.0648, 20.0438,
26.0240

142.5382,
167.9551, 199.6848

 8.9515, 12.4269,
16.6157

177.2301,
207.2113, 244.9163

 4.7664, 7.0351,
9.8018

217.1385,
252.1522, 296.5091

 2.1442, 3.4841,
5.1639

262.6286,

 0.7131, 1.3894,

303.1621, 354.8818

2.2833

314.0659,
360.6256, 420.4530

■ 0.0000, 0.2089,
0.7218

■ 0.0000, 0.0000,
0.0000

■ 48.6276, 60.0893,
74.0012

■ 48.6276, 60.0893,
74.0012

■ 45.1778, 58.3123,
73.8406

■ 52.8046, 62.2441,
74.1985

■ 42.4087, 56.8848,
73.7105

■ 57.7413, 64.7890,
74.4300

■ 40.2768, 55.7858,
73.6103

■ 63.4747, 67.7447,
74.6988

■ 38.7315, 54.9892,
73.5375

■ 70.0379, 71.1282,
75.0064

■ 37.7143, 54.4648,
73.4894

■ 77.4621, 74.9555,
75.3543

■ 37.1548, 54.1764,
73.4627

■ 78.1923, 75.3319,
75.3890

■ 36.9511, 54.0714,
73.4528

■ 78.1924, 75.3319,
75.3895

■ 78.1924, 75.3319,
75.3899

■ 78.1925, 75.3320,
75.3904

Harmonies

Analogous

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



48.4145, 60.0893, 59.9051



48.6276, 60.0893, 74.0012



51.0326, 60.0893, 87.4500

Triad

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



48.6276, 60.0893, 74.0012



64.3588, 60.0893, 85.2134



59.1212, 60.0893, 42.4965

Complementary

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



48.6276, 60.0893, 74.0012



43.5572, 36.8959, 31.6163

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.



63.6584, 60.0893, 47.4517



48.6276, 60.0893, 74.0012



66.7958, 60.0893, 71.2783

Square

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



48.6276, 60.0893, 74.0012



60.0333, 60.0893, 94.5311



66.5324, 60.0893, 57.5421



54.2891, 60.0893, 43.0089

Rectangle

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



48.6276, 60.0893, 74.0012



53.6368, 60.0893, 93.6315



66.5324, 60.0893, 57.5421



60.7364, 60.0893, 43.5450

Sweetspot

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



48.6294, 60.0917, 74.0026



86.2827, 95.4803, 108.4890



41.5552, 57.2863, 35.6566



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.



48.6294, 60.0917, 74.0026



67.4328, 85.7629, 107.6048



40.7367, 44.3059, 71.3732



12.7922, 14.1079, 15.9863



21.8704, 32.0035, 43.4750



1.3191, 1.9303, 2.6222

Inverse Universe

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



43.5572, 36.8959, 31.6163



59.0161, 47.2714, 37.2683



49.6155, 49.0127, 33.6348



12.4233, 12.4208, 12.9035



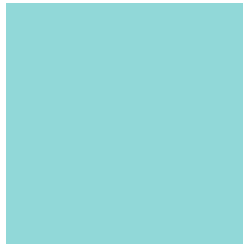
16.7620, 8.6411, 0.7846



1.0110, 0.5212, 0.0474

Previews

White Background



This preview shows how the XYZ color 48.6276, 60.0893, 74.0012 looks on a white background.

Color Contrast Check

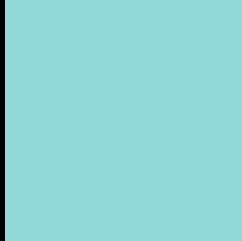
Large Text (above 18pt) WCAG AA × Fail

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 48.6276, 60.0893, 74.0012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

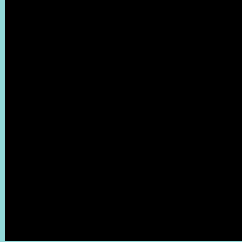
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

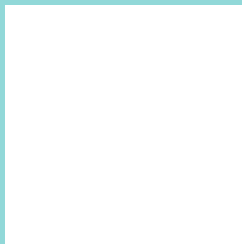
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.6276, 60.0893, 74.0012

Background



This preview shows how black text looks on a background with the XYZ color 48.6276, 60.0893, 74.0012.

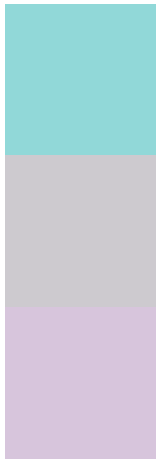


This preview shows how white text looks on a background with the XYZ color 48.6276, 60.0893,

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

48.6276, 60.0893, 74.0012

Protanopia

57.5599, 59.7252, 67.5259

Deuteranopia

60.9089, 59.5469, 75.9936



Tritanopia

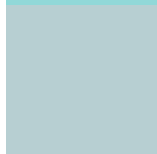
50.8648, 60.2522, 84.5503

Trichromacy



Original Color

48.6276, 60.0893, 74.0012



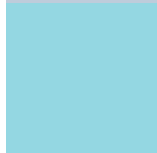
Protanomaly

53.4741, 59.3461, 69.6093



Deuteranomaly

55.6143, 59.2474, 75.5225



Tritanomaly

50.2406, 60.3878, 80.9595

Monochromacy



Original Color

48.6276, 60.0893, 74.0012



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

50.2669, 56.3708, 64.7312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6276, 60.0893, 74.0012 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(145, 216, 216)` looks like.

```
.text, #text, p{  
    color:rgb(145, 216, 216)  
}
```

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(145, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 216, 216) }
```

Border

The CSS property to change the border of an element to XYZ 48.6276, 60.0893, 74.0012 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(145, 216, 216) }
```


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

```
.border{ border-color:rgb(145, 216, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(145, 216,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6276, 60.0893, 74.0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 216, 216) }
```

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

```
.background{ background-color: rgb(145,  
216, 216) }
```

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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