

Converting Colors

XYZ(48.5744, 53.5795, 74.5838)

Have a look what the booklet for
XYZ(48.5744, 53.5795, 74.5838)
contains.

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Color

**XYZ(48.4973, 53.5020,
74.7887)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C6DB
RGB	165, 198, 219
RGB Percent	65%, 78%, 86%
CMY	0.3529, 0.2235, 0.1412
CMYK	0.25, 0.10, 0.00, 0.14
HSL	203°, 43%, 75%
HSV	203°, 25%, 86%
XYZ	48.4973, 53.5020, 74.7887
YIQ	190.5270, -26.4090, -0.4650

Conversions

Conversions Part 2

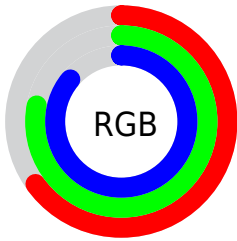
Format	Color
RYB	165, 185, 219
Decimal	10864347
CIELab	78.17, -6.36, -14.10
CIElCh	78, 15.471, 245.707
Yxy	53.5020, 0.2743, 0.3026
Android (android.graphics.Color)	4289054427 (0xFFA5C6DB)
YUV	190.5270, 14.0372, -22.3872
Hunter-Lab	73.1451, -9.6532, -9.4208

Details

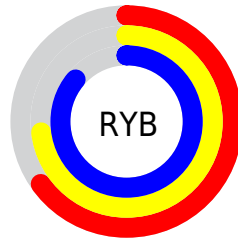
The XYZ color **48.4973, 53.5020, 74.7887** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.5644, 52.8947, 42.9850**, and the grayscale version is **49.1812, 51.7424, 56.3475**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **23.3562, 26.0716, 38.9233** is the 20% darker color. If you saturate the color by 10%, you get **42.4346, 47.5689, 73.9639**, and if you desaturate by 10%, it is **55.4527, 60.0604, 75.6889**.

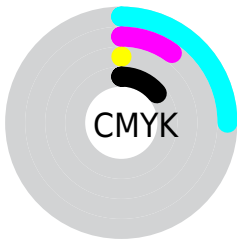
Distribution



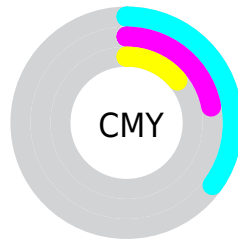
- Red (65%)
- Green (78%)
- Blue (86%)



- Red (65%)
- Yellow (73%)
- Blue (86%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)
- Black (14%)



- Cyan (35%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4973, 53.5020, 74.7887 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 48.4973, 53.5020, 74.7887 by changing the saturation by 10% instead.

■ 48.4973, 53.5020,
74.7887

■ 48.4973, 53.5020,
74.7887

371.3098,
400.2081, 496.4270

■ 34.4338, 38.2037,
54.9391

■ 87.1496, 95.3426,
127.7576

■ 23.3915, 26.1408,
38.9547

■ 112.4691,
122.6538, 161.7139

■ 15.0051, 16.9290,
26.4169

142.2712,
154.7379, 201.2096

■ 8.9093, 10.1839,
16.9073

176.9214,
191.9795, 246.6632

■ 4.7387, 5.5210,
10.0071

216.7850,
234.7629, 298.4932

■ 2.1280, 2.5561,
5.2980

262.2274,

■ 0.7043, 0.9046,

283.4726, 357.1181

2.3614

313.6139,
338.4928, 422.9565

■ 0.0000, 0.0000,
0.7653

■ 0.0000, 0.0000,
0.0000

■ 48.4973, 53.5020,
74.7887

■ 48.4973, 53.5020,
74.7887

■ 42.4346, 47.5689,
73.9639

■ 55.4527, 60.0604,
75.6889

■ 37.2182, 42.2307,
73.2085

■ 63.3346, 67.2601,
76.6632

■ 32.8046, 37.4634,
72.5209

■ 72.1808, 75.1245,
77.7149

■ 29.1443, 33.2389,
71.8984

■ 82.0255, 83.6738,
78.8462

■ 26.1818, 29.5255,
71.3378

■ 85.3583, 89.0385,
79.7060

■ 23.8526, 26.2872,
70.8355

■ 87.9326, 94.1870,
80.5641

■ 22.0789, 23.4807,
70.3873

■ 89.7864, 97.8945,
81.1820

■ 21.2898, 22.1215,
70.1665

Harmonies

Analogous

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



46.2753, 53.5020, 68.5241



48.4973, 53.5020, 74.7887



51.4325, 53.5020, 76.4449

Triad

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



48.4973, 53.5020, 74.7887



56.8599, 53.5020, 56.6142



47.5334, 53.5020, 45.7520

Complementary

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



48.4973, 53.5020, 74.7887



53.5644, 52.8947, 42.9850

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.



50.2760, 53.5020, 43.2062



48.4973, 53.5020, 74.7887



55.7211, 53.5020, 49.0660

Square

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



48.4973, 53.5020, 74.7887



56.3379, 53.5020, 65.3773



53.2818, 53.5020, 44.3568



45.7344, 53.5020, 51.6689

Rectangle

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



48.4973, 53.5020, 74.7887



53.4162, 53.5020, 74.5836



53.2818, 53.5020, 44.3568



48.3713, 53.5020, 44.5018

Sweetspot

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



48.4989, 53.5042, 74.7899



86.6107, 92.4215, 107.8820



49.6807, 62.1958, 55.6750



18.3893, 19.6468, 23.0729



0.0000, 0.0000, 0.0000



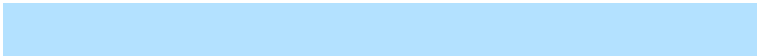
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4989, 53.5042, 74.7899



63.5188, 70.7317, 104.9125



42.9240, 42.3543, 72.9316



12.9977, 13.9351, 16.6568



12.7330, 13.3354, 41.6413



0.9077, 1.0294, 2.7253

Inverse Universe

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



52.8629, 46.0488, 59.5307



70.8853, 58.7502, 79.0193



59.7248, 65.2154, 45.0385



13.3887, 13.1846, 15.3082



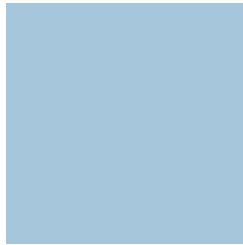
19.9223, 9.9700, 14.5030



1.3324, 0.6626, 1.1595

Previews

White Background



This preview shows how the XYZ color 48.4973, 53.5020, 74.7887 looks on a white background.

Color Contrast Check

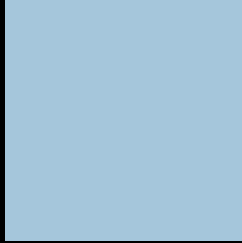
Large Text (above 18pt) WCAG AA × Fail

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 48.4973, 53.5020, 74.7887 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

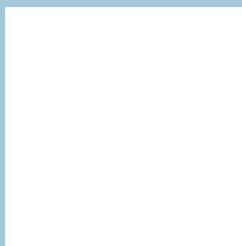
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4973, 53.5020, 74.7887

Background



This preview shows how black text looks on a background with the XYZ color 48.4973, 53.5020, 74.7887.



This preview shows how white text looks on a background with the XYZ color 48.4973, 53.5020,

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

48.4973, 53.5020, 74.7887

Protanopia

52.3506, 53.5527, 71.8675

Deuteranopia

54.3231, 53.1927, 75.8107



Tritanopia

47.9990, 53.6457, 72.1148

Trichromacy



Original Color

48.4973, 53.5020, 74.7887

Protanomaly

50.7425, 53.3652, 72.5918

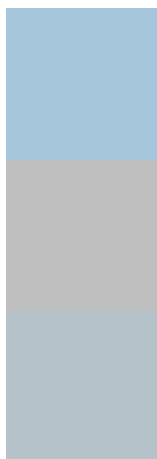
Deuteranomaly

52.0176, 53.3057, 75.2575

Tritanomaly

48.1279, 53.6972, 72.7937

Monochromacy



Original Color

48.4973, 53.5020, 74.7887

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.1258, 52.7457, 62.8501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4973, 53.5020, 74.7887 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(165, 198, 219)` looks like.

```
.text, #text, p{  
    color:rgb(165, 198, 219)  
}
```

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(165, 198, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 198, 219) }
```

Border

The CSS property to change the border of an element to XYZ 48.4973, 53.5020, 74.7887 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(165, 198, 219) }
```


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

```
.border{ border-color:rgb(165, 198, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 198, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 198, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 198, 219);  
box-shadow:4px 4px 4px 4px rgb(165, 198,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4973, 53.5020, 74.7887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 198, 219) }
```

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

```
.background{ background-color: rgb(165,  
198, 219) }
```

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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