

Converting Colors

XYZ(48.5029, 53.3868, 78.5327)

Have a look what the booklet for
XYZ(48.5029, 53.3868, 78.5327)
contains.

XYZ(48.5489, 53.4514, 78.2794)	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(48.5489, 53.4514,
78.2794)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C6E0
RGB	162, 198, 224
RGB Percent	64%, 78%, 88%
CMY	0.3647, 0.2235, 0.1216
CMYK	0.28, 0.12, 0.00, 0.12
HSL	205°, 50%, 76%
HSV	205°, 28%, 88%
XYZ	48.5489, 53.4514, 78.2794
YIQ	190.2000, -29.8020, 0.4540

Conversions

Conversions Part 2

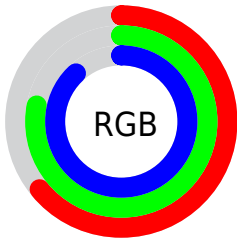
Format	Color
R _Y B	162, 185, 224
Decimal	10667744
CIE Lab	78.14, -6.09, -16.86
CIE LCh	78, 17.924, 250.120
Yxy	53.4514, 0.2693, 0.2965
Android (android.graphics.Color)	4288857824 (0xFFA2C6E0)
YUV	190.2000, 16.6634, -24.7314
Hunter-Lab	73.1105, -9.4106, -12.3045

Details

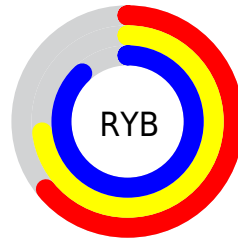
The XYZ color **48.5489, 53.4514, 78.2794** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.2459, 54.4226, 41.7765**, and the grayscale version is **48.9794, 51.5301, 56.1163**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **23.4414, 26.0623, 41.3312** is the 20% darker color. If you saturate the color by 10%, you get **42.3171, 47.1510, 77.3926**, and if you desaturate by 10%, it is **55.7276, 60.4402, 79.2509**.

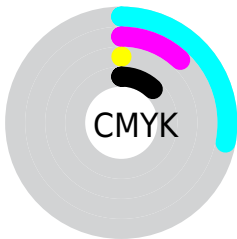
Distribution



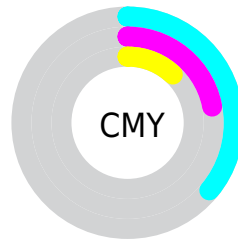
- Red (64%)
- Green (78%)
- Blue (88%)



- Red (64%)
- Yellow (73%)
- Blue (88%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (36%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5489, 53.4514, 78.2794 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 48.5489, 53.4514, 78.2794 by changing the saturation by 10% instead.

■ 48.5489, 53.4514,
78.2794

■ 48.5489, 53.4514,
78.2794

371.5102,
400.0146, 508.6682

■ 34.4748, 38.1632,
57.7857

■ 87.2259, 95.2683,
132.7334

■ 23.4232, 26.1094,
41.2228

■ 112.5595,
122.5658, 167.5307

■ 15.0287, 16.9055,
28.1722

142.3770,
154.6352, 207.9331

■ 8.9260, 10.1671,
18.2154

177.0437,
191.8609, 254.3589

■ 4.7497, 5.5099,
10.9337

216.9250,
234.6273, 307.2268

■ 2.1344, 2.5494,
5.9086

262.3863,

■ 0.7078, 0.9013,

283.3188, 366.9553

2.7217

313.7929,
338.3197, 433.9629

■ 0.0000, 0.0000,
0.9543

■ 0.0000, 0.0000,
0.0000

■ 48.5489, 53.4514,
78.2794

■ 48.5489, 53.4514,
78.2794

■ 42.3171, 47.1510,
77.3926

■ 55.7276, 60.4402,
79.2509

■ 36.9820, 41.5056,
76.5842

■ 63.8905, 68.1363,
80.3062

■ 32.4955, 36.4883,
75.8522

■ 73.0787, 76.5653,
81.4489

■ 28.8032, 32.0670,
75.1934

■ 83.3293, 85.7500,
82.6814

■ 25.8432, 28.2061,
74.6042

■ 87.3375, 91.9274,
83.6625

■ 23.5434, 24.8643,
74.0804

■ 90.2512, 97.7549,
84.6338

■ 21.8056, 21.9870,
73.6166

■ 90.4547, 98.1619,
84.7016

■ 21.4471, 21.3666,
73.5157

Harmonies

Analogous

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



45.8278, 53.4514, 71.5290



48.5489, 53.4514, 78.2794



51.9961, 53.4514, 79.3184

Triad

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



48.5489, 53.4514, 78.2794



57.7238, 53.4514, 54.8768



46.5880, 53.4514, 44.6657

Complementary

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



48.5489, 53.4514, 78.2794



55.2459, 54.4226, 41.7765

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.



49.6301, 53.4514, 41.2074



48.5489, 53.4514, 78.2794



56.1279, 53.4514, 46.6382

Square

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



48.5489, 53.4514, 78.2794



57.4017, 53.4514, 65.0050



53.1278, 53.4514, 41.8855



44.7322, 53.4514, 51.8863

Rectangle

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



48.5489, 53.4514, 78.2794



54.2578, 53.4514, 76.5205



53.1278, 53.4514, 41.8855



47.4999, 53.4514, 43.0645

Sweetspot

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



48.5505, 53.4535, 78.2806



85.2706, 90.9973, 107.6777



50.6162, 64.6174, 57.2886



17.8793, 19.1301, 23.0001



0.0000, 0.0000, 0.0000



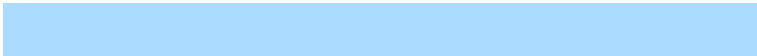
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5505, 53.4535, 78.2806



60.3302, 66.8976, 104.3405



42.2053, 40.7630, 76.1655



13.6098, 14.5588, 17.4805



12.5997, 12.6689, 42.8296



0.9613, 1.0540, 2.9980

Inverse Universe

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



53.8552, 45.7665, 59.4238



68.6550, 55.4814, 74.6023



62.5511, 69.0331, 44.2116



14.0393, 13.8333, 15.9771



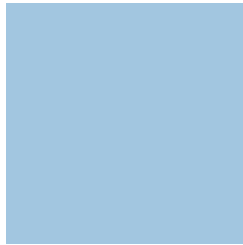
20.2999, 10.1870, 13.5111



1.4515, 0.7239, 1.1702

Previews

White Background



This preview shows how the XYZ color 48.5489, 53.4514, 78.2794 looks on a white background.

Color Contrast Check

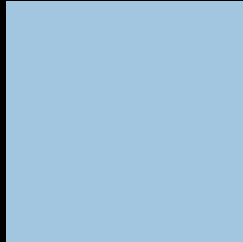
Large Text (above 18pt) WCAG AA × Fail

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 48.5489, 53.4514, 78.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

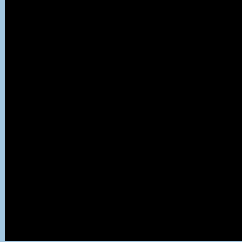
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5489, 53.4514, 78.2794

Background



This preview shows how black text looks on a background with the XYZ color 48.5489, 53.4514, 78.2794.



This preview shows how white text looks on a background with the XYZ color 48.5489, 53.4514,

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

48.5489, 53.4514, 78.2794

Protanopia

52.2881, 53.1203, 75.2075

Deuteranopia

54.2164, 53.0595, 79.3355



Tritanopia

47.1864, 53.2267, 72.0768

Trichromacy



Original Color

48.5489, 53.4514, 78.2794

Protanomaly

50.9333, 53.3877, 76.0270

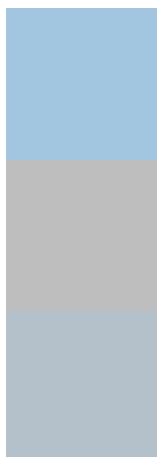
Deuteranomaly

51.9687, 53.2028, 78.7643

Tritanomaly

47.7763, 53.4859, 74.1354

Monochromacy



Original Color

48.5489, 53.4514, 78.2794

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.5530, 52.1075, 63.3758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5489, 53.4514, 78.2794 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(162, 198, 224)` looks like.

```
.text, #text, p{  
    color:rgb(162, 198, 224)  
}
```

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(162, 198, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 198, 224) }
```

Border

The CSS property to change the border of an element to XYZ 48.5489, 53.4514, 78.2794 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(162, 198, 224) }
```


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

```
.border{ border-color:rgb(162, 198, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 198, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 198, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 198, 224);  
box-shadow:4px 4px 4px 4px rgb(162, 198,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5489, 53.4514, 78.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 198, 224) }
```

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

```
.background{ background-color: rgb(162,  
198, 224) }
```

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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