

Converting Colors

XYZ(48.9490, 60.2895, 97.8339)

Have a look what the booklet for
XYZ(48.9490, 60.2895, 97.8339)
contains.

XYZ(48.8264, 60.0479, 97.8239)	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(48.8264, 60.0479,
97.8239)**

Conversions

Conversions Part 1

Format	Color
Hex	73D9F8
RGB	115, 217, 248
RGB Percent	45%, 85%, 97%
CMY	0.5490, 0.1490, 0.0274
CMYK	0.54, 0.12, 0.00, 0.03
HSL	194°, 90%, 71%
HSV	194°, 54%, 97%
XYZ	48.8264, 60.0479, 97.8239
YIQ	190.0360, -70.7430, -11.9830

Conversions

Conversions Part 2

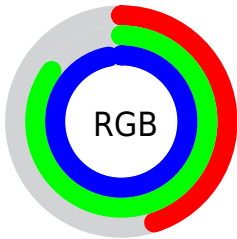
Format	Color
R_{YB}	115, 173, 248
Decimal	7592440
CIE _{Lab}	81.86, -21.38, -24.25
CIE _{LCh}	82, 32.335, 228.598
Yxy	60.0479, 0.2362, 0.2905
Android (android.graphics.Color)	4285782520 (0xFF73D9F8)
YUV	190.0360, 28.5763, -65.8066
Hunter-Lab	77.4906, -23.1366, -20.6041

Details

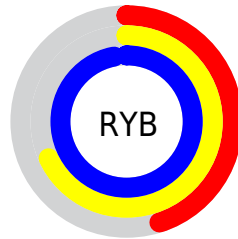
The XYZ color **48.8264, 60.0479, 97.8239** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **52.0863, 41.7538, 21.5357**, and the grayscale version is **48.8360, 51.3793, 55.9520**.

A 20% lighter version of the original color is **71.4892, 87.8540, 107.7974**, and **23.6537, 30.2748, 54.4661** is the 20% darker color. If you saturate the color by 10%, you get **44.5298, 55.6609, 97.2047**, and if you desaturate by 10%, it is **54.0561, 64.9959, 98.5044**.

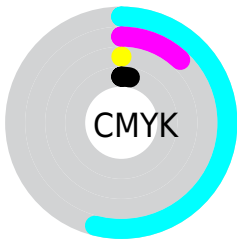
Distribution



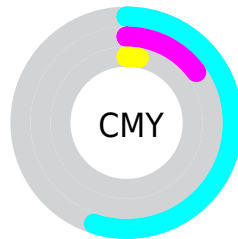
- Red (45%)
- Green (85%)
- Blue (97%)



- Red (45%)
- Yellow (68%)
- Blue (97%)



- Cyan (54%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (55%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8264, 60.0479, 97.8239 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 48.8264, 60.0479, 97.8239 by changing the saturation by 10% instead.

■ 48.8264, 60.0479,
97.8239

■ 48.8264, 60.0479,
97.8239

372.5868,
424.7743, 574.3801

■ 34.6958, 43.4572,
73.8777

■ 87.6358, 104.8992,
160.1892

■ 23.5940, 30.2440,
54.1978

■ 113.0453,
133.9285, 199.4454

■ 15.1558, 20.0239,
38.3655

■ 142.9452,
167.8729, 244.6420

■ 9.0159, 12.4124,
25.9625

177.7007,
207.1168, 296.1975

■ 4.8087, 7.0252,
16.5701

217.6773,
252.0445, 354.5306

■ 2.1691, 3.4779,
9.7697

263.2402,

■ 0.7264, 1.3860,

303.0403, 420.0597

5.1430

314.7550,
360.4888, 493.2033

■ 0.0000, 0.2064,
2.2712

■ 0.0000, 0.0000,
0.7150

■ 48.8264, 60.0479,
97.8239

■ 48.8264, 60.0479,
97.8239

■ 44.5298, 55.6609,
97.2047

■ 54.0561, 64.9959,
98.5044

■ 41.0878, 51.7899,
96.6389

■ 60.2777, 70.5323,
99.2451

■ 38.4185, 48.3931,
96.1240

■ 67.5518, 76.6903,
100.0504

■ 36.4194, 45.4170,
95.6549

■ 75.9323, 83.4983,
100.9228

■ 35.3999, 43.6902,
95.3753

■ 85.4694, 90.9831,
101.8648

■ 92.8952, 97.4607,
102.7237

■ 93.9435, 99.5574,
103.0732

Harmonies

Analogous

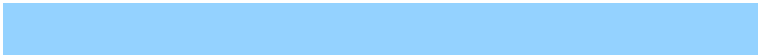
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.5161, 60.0479, 78.1178



48.8264, 60.0479, 97.8239



54.5182, 60.0479, 109.5840

Triad

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



48.8264, 60.0479, 97.8239



70.9305, 60.0479, 73.0978



52.9893, 60.0479, 35.8352

Complementary

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



48.8264, 60.0479, 97.8239



52.0863, 41.7538, 21.5357

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.



59.7078, 60.0479, 35.0235



48.8264, 60.0479, 97.8239



70.4388, 60.0479, 54.1115

Square

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



48.8264, 60.0479, 97.8239



67.4955, 60.0479, 93.5241



66.2011, 60.0479, 41.0457



47.7841, 60.0479, 43.5407

Rectangle

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



48.8264, 60.0479, 97.8239



59.0585, 60.0479, 110.0352



66.2011, 60.0479, 41.0457



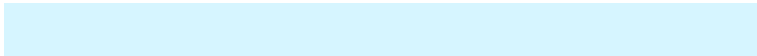
55.1339, 60.0479, 34.8133

Sweetspot

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



48.8283, 60.0501, 97.8253



78.6410, 87.1483, 107.2842



45.6594, 72.7891, 37.9575



16.4301, 18.3284, 22.9217



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.



48.8283, 60.0501, 97.8253



47.2467, 59.0911, 103.5233



35.3549, 33.1033, 93.3342



17.4028, 18.8824, 22.1127



19.2352, 23.8260, 51.5586



1.8617, 2.3670, 4.8019

Inverse Universe

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



57.3682, 37.2296, 69.8104



57.5693, 33.8875, 69.1264



64.9323, 67.4458, 25.8177



17.8098, 17.4513, 20.8544



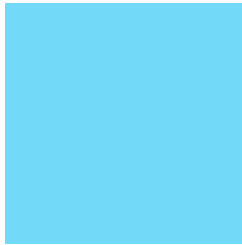
26.0011, 12.8161, 27.7778



2.4486, 1.2032, 2.7857

Previews

White Background



This preview shows how the XYZ color 48.8264, 60.0479, 97.8239 looks on a white background.

Color Contrast Check

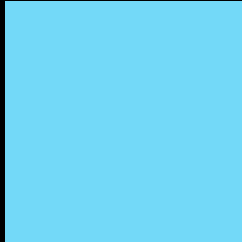
Large Text (above 18pt) WCAG AA × Fail

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 48.8264, 60.0479, 97.8239 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 48.8264, 60.0479, 97.8239

Background



This preview shows how black text looks on a background with the XYZ color 48.8264, 60.0479, 97.8239.



This preview shows how white text looks on a background with the XYZ color 48.8264, 60.0479,

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

48.8264, 60.0479, 97.8239

Protanopia

58.6784, 59.4898, 88.5108

Deuteranopia

60.7907, 59.2868, 100.3349



Tritanopia

47.1731, 60.1570, 89.2459

Trichromacy



Original Color

48.8264, 60.0479, 97.8239

Protanomaly

53.9159, 59.0835, 91.7817

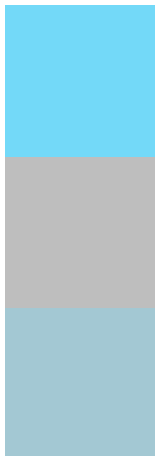
Deuteranomaly

55.1803, 58.8432, 99.7163

Tritanomaly

47.6307, 59.9384, 92.2780

Monochromacy



Original Color

48.8264, 60.0479, 97.8239

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.5164, 53.7982, 69.5077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8264, 60.0479, 97.8239 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(115, 217, 248)` looks like.

```
.text, #text, p{  
    color:rgb(115, 217, 248)  
}
```

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(115, 217, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 217, 248) }
```

Border

The CSS property to change the border of an element to XYZ 48.8264, 60.0479, 97.8239 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(115, 217, 248) }
```


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

```
.border{ border-color:rgb(115, 217, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 217, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 217, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 217, 248);  
box-shadow:4px 4px 4px 4px rgb(115, 217,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8264, 60.0479, 97.8239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 217, 248) }
```

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

```
.background{ background-color: rgb(115,  
217, 248) }
```

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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