

Converting Colors

XYZ(48.4520, 62.4626,
104.1105)

Have a look what the booklet for
XYZ(48.4520, 62.4626, 104.1105)
contains.

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Color

**XYZ(48.4520, 62.4626,
104.1105)**

Conversions

Conversions Part 1

Format	Color
Hex	55E0FF
RGB	85, 224, 255
RGB Percent	33%, 88%, 100%
CMY	0.6666, 0.1216, 0.0000
CMYK	0.67, 0.12, 0.00, 0.00
HSL	191°, 100%, 67%
HSV	191°, 67%, 100%
XYZ	48.4520, 62.4626, 104.1105
YIQ	185.9730, -92.7950, -19.8270

Conversions

Conversions Part 2

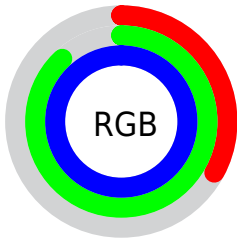
Format	Color
RYB	85, 161, 255
Decimal	5628159
CIELab	83.16, -27.99, -26.07
CIElCh	83, 38.251, 222.966
Yxy	62.4626, 0.2253, 0.2905
Android (android.graphics.Color)	4283818239 (0xFF55E0FF)
YUV	185.9730, 34.0303, -88.5533
Hunter-Lab	79.0333, -28.8774, -22.7794

Details

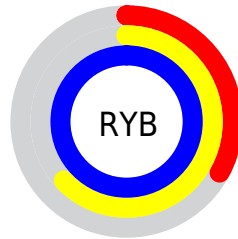
The XYZ color **48.4520, 62.4626, 104.1105** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **49.1264, 34.4086, 12.6489**, and the grayscale version is **46.5121, 48.9344, 53.2896**.

A 20% lighter version of the original color is **66.7589, 85.4154, 107.5760**, and **24.1957, 32.0825, 58.3434** is the 20% darker color. If you saturate the color by 10%, you get **45.3079, 59.0131, 103.6104**, and if you desaturate by 10%, it is **52.4675, 66.4146, 104.6617**.

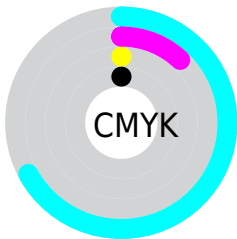
Distribution



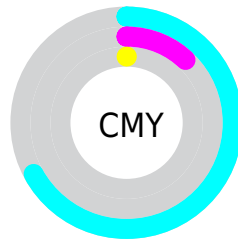
- Red (33%)
- Green (88%)
- Blue (100%)



- Red (33%)
- Yellow (63%)
- Blue (100%)



- Cyan (67%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4520, 62.4626, 104.1105 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 48.4520, 62.4626, 104.1105 by changing the saturation by 10% instead.

48.4520, 62.4626,
104.1105

48.4520, 62.4626,
104.1105

371.1338,
433.6165, 594.6513

34.3977, 45.4066,
79.1019

87.0826, 108.3938,
168.8955

23.3636, 31.7778,
58.4577

112.3897,
138.0379, 209.5090

14.9844, 21.1918,
41.7596

142.1784,
172.6467, 256.1612

8.8947, 13.2643,
28.5890

176.8141,
212.6047, 309.2706

4.7291, 7.6108,
18.5272

216.6621,
258.2963, 369.2558

2.1223, 3.8469,
11.1558

262.0878,

0.7013, 1.5883,

310.1058, 436.5352

6.0562

313.4566,
368.4178, 511.5276

■ 0.0000, 0.3497,
2.8100

■ 0.0000, 0.0000,
0.9984

■ 48.4520, 62.4626,
104.1105

■ 48.4520, 62.4626,
104.1105

■ 45.3079, 59.0131,
103.6104

■ 52.4675, 66.4146,
104.6617

■ 42.9350, 56.0103,
103.1559

■ 57.4298, 70.9046,
105.2668

■ 41.2164, 53.3946,
102.7416

■ 63.4118, 75.9717,
105.9296

■ 40.7284, 52.5768,
102.6095

■ 70.4779, 81.6496,
106.6531

■ 78.6868, 87.9690,
107.4402

■ 88.0932, 94.9583,
108.2935

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



45.1508, 62.4626, 78.7767



48.4520, 62.4626, 104.1105



54.8208, 62.4626, 121.6618

Triad

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



48.4520, 62.4626, 104.1105



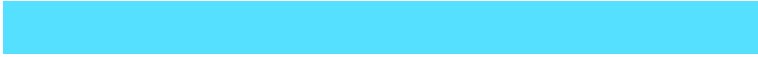
75.9506, 62.4626, 82.2794



55.8637, 62.4626, 32.5195

Complementary

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



48.4520, 62.4626, 104.1105



49.1264, 34.4086, 12.6489

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.



64.1617, 62.4626, 33.0350



48.4520, 62.4626, 104.1105



76.2962, 62.4626, 58.2740

Square

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



48.4520, 62.4626, 104.1105



70.9089, 62.4626, 107.1836



71.8134, 62.4626, 41.4010



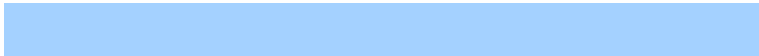
49.1541, 62.4626, 39.7769

Rectangle

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



48.4520, 62.4626, 104.1105



60.1974, 62.4626, 124.5452



71.8134, 62.4626, 41.4010



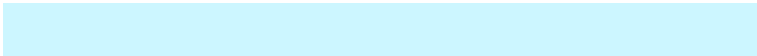
58.5478, 62.4626, 31.8498

Sweetspot

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



48.4538, 62.4648, 104.1109



75.8165, 85.7868, 107.1703



42.5072, 74.6518, 27.8929



15.7323, 17.9808, 22.8914



0.0000, 0.0000, 0.0000



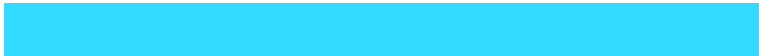
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4538, 62.4648, 104.1109



44.4352, 57.9637, 103.4539



31.4218, 28.4009, 98.4336



18.2566, 19.8849, 23.1259



21.3832, 27.6760, 53.6496



2.1519, 2.8345, 5.2470

Inverse Universe

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



57.9443, 33.1407, 73.8660



55.0527, 28.6792, 68.8275



63.1513, 62.4584, 17.3238



18.6422, 18.2402, 21.9989



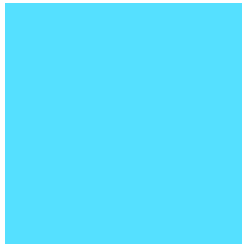
27.5815, 13.5219, 32.7761



2.7208, 1.3307, 3.3771

Previews

White Background



This preview shows how the XYZ color 48.4520, 62.4626, 104.1105 looks on a white background.

Color Contrast Check

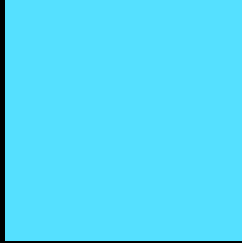
Large Text (above 18pt) WCAG AA × Fail

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 48.4520, 62.4626, 104.1105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

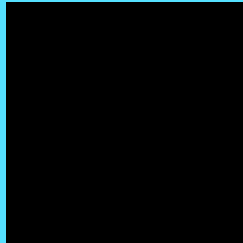
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4520, 62.4626, 104.1105

Background



This preview shows how black text looks on a background with the XYZ color 48.4520, 62.4626, 104.1105.

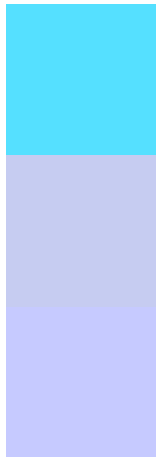


This preview shows how white text looks on a background with the XYZ color 48.4520, 62.4626,

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

48.4520, 62.4626, 104.1105

Protanopia

60.7588, 61.5424, 91.8956

Deuteranopia

62.4592, 61.4668, 103.1801



Tritanopia

46.7499, 62.5866, 95.2044

Trichromacy



Original Color

48.4520, 62.4626, 104.1105

Protanomaly

53.8334, 60.4105, 96.0118

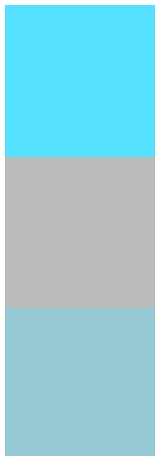
Deuteranomaly

55.0012, 60.4813, 103.3829

Tritanomaly

47.2618, 62.3771, 98.3560

Monochromacy



Original Color

48.4520, 62.4626, 104.1105

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

44.8066, 52.4013, 69.3809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4520, 62.4626, 104.1105 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(85, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(85, 224, 255)  
}
```

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(85, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.4520, 62.4626, 104.1105 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(85, 224, 255) }
```


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

```
.border{ border-color:rgb(85, 224, 255) }
```

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

Here you see how a box with a 4 pixel rgb(85, 224, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(85, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4520, 62.4626, 104.1105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 224, 255) }
```

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

```
.background{ background-color: rgb(85, 224,  
255) }
```

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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