

Converting Colors

XYZ(48.4256, 55.4271,
102.7539)

Have a look what the booklet for
XYZ(48.4256, 55.4271, 102.7539)
contains.

XYZ(48.3388, 55.2426, 102.7229)	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(48.3388, 55.2426,
102.7229)**

Conversions

Conversions Part 1

Format	Color
Hex	7DCDFF
RGB	125, 205, 255
RGB Percent	49%, 80%, 100%
CMY	0.5098, 0.1961, 0.0000
CMYK	0.51, 0.20, 0.00, 0.00
HSL	203°, 100%, 75%
HSV	203°, 51%, 100%
XYZ	48.3388, 55.2426, 102.7229
YIQ	186.7800, -63.7300, -1.4100

Conversions

Conversions Part 2

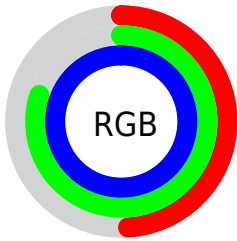
Format	Color
RYB	125, 175, 255
Decimal	8244735
CIELab	79.18, -11.16, -32.05
CIELCh	79, 33.936, 250.809
Yxy	55.2426, 0.2343, 0.2678
Android (android.graphics.Color)	4286434815 (0xFF7DCDFF)
YUV	186.7800, 33.6325, -54.1811
Hunter-Lab	74.3254, -13.9788, -29.9152

Details

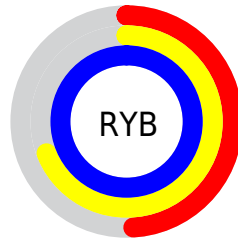
The XYZ color **48.3388, 55.2426, 102.7229** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **60.2727, 53.4021, 26.5351**, and the grayscale version is **46.9541, 49.3994, 53.7959**.

A 20% lighter version of the original color is **73.5772, 88.9303, 107.8951**, and **23.3096, 27.2672, 57.4606** is the 20% darker color. If you saturate the color by 10%, you get **42.8100, 49.0191, 101.8131**, and if you desaturate by 10%, it is **54.9733, 62.2567, 103.7271**.

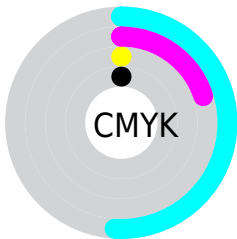
Distribution



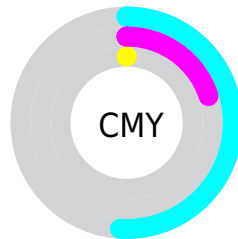
- Red (49%)
- Green (80%)
- Blue (100%)



- Red (49%)
- Yellow (69%)
- Blue (100%)



- Cyan (51%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3388, 55.2426, 102.7229 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 48.3388, 55.2426, 102.7229 by changing the saturation by 10% instead.

■ 48.3388, 55.2426,
102.7229

■ 48.3388, 55.2426,
102.7229

370.6938,
406.8309, 590.2088

■ 34.3076, 39.5960,
77.9470

■ 86.9153, 97.8963,
166.9785

■ 23.2940, 27.2237,
57.5142

■ 112.1913,
125.6722, 207.2952

■ 14.9327, 17.7413,
41.0061

■ 141.9463,
158.2600, 253.6293

■ 8.8581, 10.7644,
28.0041

176.5457,
196.0440, 306.3992

■ 4.7051, 5.9086,
18.0897

216.3547,
239.4087, 366.0236

■ 2.1083, 2.7896,
10.8443

261.7389,

■ 0.6937, 1.0229,

288.7385, 432.9210

5.8494

313.0634,
344.4178, 507.5099

■ 0.0000, 0.0000,
2.6864

■ 0.0000, 0.0000,
0.9366

■ 48.3388, 55.2426,
102.7229

■ 48.3388, 55.2426,
102.7229

■ 42.8100, 49.0191,
101.8131

■ 54.9733, 62.2567,
103.7271

■ 38.3048, 43.5366,
100.9923

■ 62.7781, 70.0951,
104.8287

■ 34.7361, 38.7471,
100.2559

■ 71.8180, 78.7962,
106.0317

■ 31.9984, 34.5921,
99.5982

■ 82.1515, 88.3938,
107.3396

■ 30.0942, 31.3083,
99.0647

93.8334, 98.9197,
108.7556

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.



43.2490, 55.2426, 87.9817



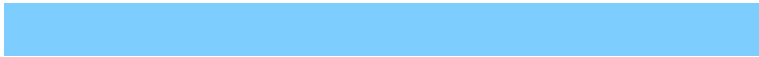
48.3388, 55.2426, 102.7229



54.9881, 55.2426, 104.7529

Triad

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



48.3388, 55.2426, 102.7229



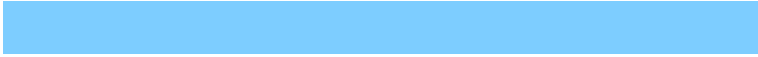
66.3729, 55.2426, 53.4195



44.4431, 55.2426, 36.0959

Complementary

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



48.3388, 55.2426, 102.7229



60.2727, 53.4021, 26.5351

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.



50.1006, 55.2426, 30.4372



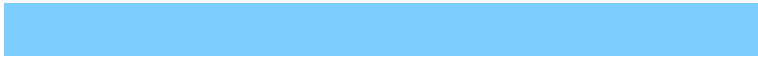
48.3388, 55.2426, 102.7229



62.9988, 55.2426, 38.9098

Square

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



48.3388, 55.2426, 102.7229



65.7983, 55.2426, 73.2688



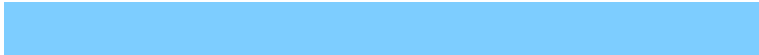
56.9070, 55.2426, 31.3424



41.1372, 55.2426, 48.6984

Rectangle

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



48.3388, 55.2426, 102.7229



59.4667, 55.2426, 98.2289



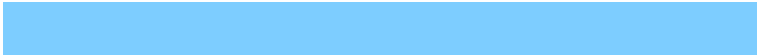
56.9070, 55.2426, 31.3424



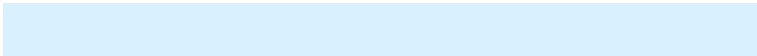
46.1117, 55.2426, 33.4554

Sweetspot

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



48.3404, 55.2446, 102.7232



77.8361, 84.4237, 106.8007



51.9403, 78.9692, 52.9788



16.1944, 17.6374, 22.8008



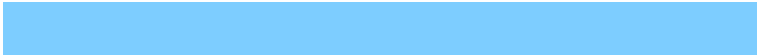
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



48.3404, 55.2446, 102.7232



42.7990, 49.0062, 101.8111



35.9117, 30.3870, 98.5803



17.9338, 19.2392, 23.0183



15.8739, 16.6573, 51.8131



1.6514, 1.8336, 5.0801

Inverse Universe

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



59.5942, 40.3368, 62.4044



55.6146, 34.2172, 55.4062



76.0533, 84.9634, 31.7953



18.4792, 18.1750, 21.1408



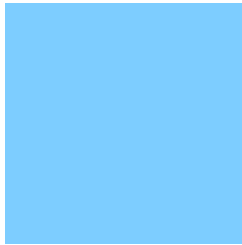
24.8006, 12.4095, 18.1322



2.4682, 1.2296, 2.0468

Previews

White Background



This preview shows how the XYZ color 48.3388, 55.2426, 102.7229 looks on a white background.

Color Contrast Check

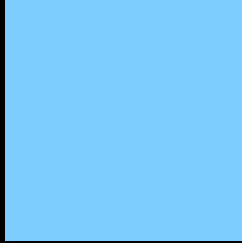
Large Text (above 18pt) WCAG AA × Fail

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 48.3388, 55.2426, 102.7229 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

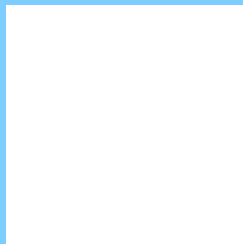
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3388, 55.2426, 102.7229

Background



This preview shows how black text looks on a background with the XYZ color 48.3388, 55.2426, 102.7229.

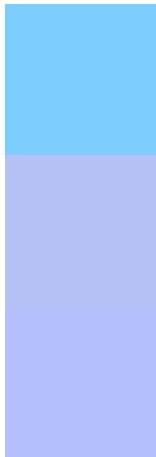


This preview shows how white text looks on a background with the XYZ color 48.3388, 55.2426,

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

48.3388, 55.2426, 102.7229

Protanopia

54.9959, 54.7388, 94.8558

Deuteranopia

55.9557, 54.7430, 102.2250



Tritanopia

44.1142, 55.3522, 81.0320

Trichromacy



Original Color

48.3388, 55.2426, 102.7229

Protanomaly

51.7631, 54.3491, 97.3848

Deuteranomaly

52.7142, 54.7296, 102.3933

Tritanomaly

45.4497, 55.1481, 88.3700

Monochromacy



Original Color

48.3388, 55.2426, 102.7229

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.4853, 51.2296, 69.7256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3388, 55.2426, 102.7229 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(125, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 205, 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(125, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.3388, 55.2426, 102.7229 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(125, 205, 255) }
```


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

```
.border{ border-color:rgb(125, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3388, 55.2426, 102.7229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 205, 255) }
```

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

```
.background{ background-color: rgb(125,  
205, 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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