

Converting Colors

XYZ(51.2955, 52.6430, 88.3465)

Have a look what the booklet for
XYZ(51.2955, 52.6430, 88.3465)
contains.

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Color

**XYZ(51.2955, 52.6430,
88.3465)**

Conversions

Conversions Part 1

Format	Color
Hex	ACC0EE
RGB	172, 192, 238
RGB Percent	67%, 75%, 93%
CMY	0.3255, 0.2470, 0.0667
CMYK	0.28, 0.19, 0.00, 0.07
HSL	222°, 66%, 80%
HSV	222°, 28%, 93%
XYZ	51.2955, 52.6430, 88.3465
YIQ	191.2640, -26.6860, 10.0660

Conversions

Conversions Part 2

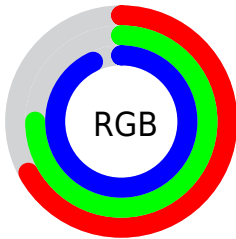
Format	Color
R _Y B	172, 187, 238
Decimal	11321582
CIE Lab	77.66, 3.36, -25.05
CIE LCh	78, 25.276, 277.640
Yxy	52.6430, 0.2668, 0.2738
Android (android.graphics.Color)	4289511662 (0xFFACC0EE)
YUV	191.2640, 23.0408, -16.8945
Hunter-Lab	72.5555, -0.7757, -21.4050

Details

The XYZ color **51.2955, 52.6430, 88.3465** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.7784, 71.2989, 49.2210**, and the grayscale version is **49.5573, 52.1382, 56.7785**.

A 20% lighter version of the original color is **83.6123, 90.8488, 107.7365**, and **25.1473, 25.6942, 47.8900** is the 20% darker color. If you saturate the color by 10%, you get **43.0934, 43.3103, 86.9783**, and if you desaturate by 10%, it is **60.8469, 63.2831, 89.8977**.

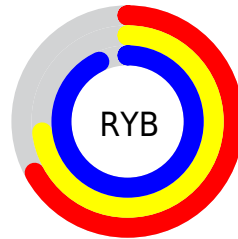
Distribution



Red (67%)

Green (75%)

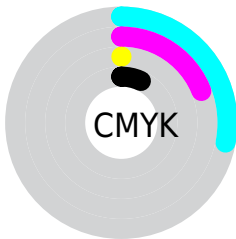
Blue (93%)



Red (67%)

Yellow (73%)

Blue (93%)

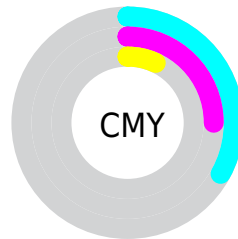


Cyan (28%)

Magenta (19%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (25%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2955, 52.6430, 88.3465 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 51.2955, 52.6430, 88.3465 by changing the saturation by 10% instead.

■ 51.2955, 52.6430,
88.3465

■ 51.2955, 52.6430,
88.3465

382.0796,
396.9139, 543.0680

■ 36.6658, 37.5179,
66.0441

■ 91.2718, 94.0788,
146.9548

■ 25.1214, 25.6087,
47.8515

117.3492,
121.1583, 184.0979

■ 16.2967, 16.5311,
33.3501

147.9731,
152.9914, 227.0248

■ 9.8265, 9.9008,
22.1215

183.5091,
189.9624, 276.1543

■ 5.3455, 5.3332,
13.7470

224.3223,
232.4558, 331.9048

■ 2.4882, 2.4441,
7.8082

270.7783,

■ 0.8893, 0.8484,

280.8559, 394.6949

3.8865

323.2422,
335.5471, 464.9431

■ 0.0000, 0.0000,
1.5633

■ 0.0000, 0.0000,
0.2644

■ 51.2955, 52.6430,
88.3465

■ 51.2955, 52.6430,
88.3465

■ 43.0934, 43.3103,
86.9783

■ 60.8469, 63.2831,
89.8977

■ 36.1721, 35.2258,
85.7826

■ 71.8016, 75.2740,
91.6348

■ 30.4642, 28.3349,
84.7534

■ 84.2169, 88.6648,
93.5652

■ 25.8942, 22.5761,
83.8827

■ 92.4328, 98.9531,
95.1180

■ 22.3769, 17.8816,
83.1619

■ 19.8140, 14.1749,
82.5816

■ 18.0774, 11.3620,
82.1301

■ 17.7584, 10.8243,
82.0432

Harmonies

Analogous

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



46.5450, 52.6430, 85.9866



51.2955, 52.6430, 88.3465



55.9970, 52.6430, 81.3820

Triad

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



51.2955, 52.6430, 88.3465



57.8522, 52.6430, 42.4037



41.8380, 52.6430, 47.6782

Complementary

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



51.2955, 52.6430, 88.3465



67.7784, 71.2989, 49.2210

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.



44.5130, 52.6430, 38.5393



51.2955, 52.6430, 88.3465



53.6964, 52.6430, 35.8577

Square

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



51.2955, 52.6430, 88.3465



59.9397, 52.6430, 53.8148



48.7965, 52.6430, 34.5681



41.2874, 52.6430, 60.9727

Rectangle

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



51.2955, 52.6430, 88.3465



58.4011, 52.6430, 72.9650



48.7965, 52.6430, 34.5681



42.5097, 52.6430, 44.0871

Sweetspot

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



51.2972, 52.6451, 88.3477



83.5699, 87.5959, 107.1108



60.1264, 74.9358, 77.0101



17.4518, 18.2752, 22.8576



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.



51.2972, 52.6451, 88.3477



54.6313, 55.4999, 102.4409



49.9776, 45.8823, 87.1119



15.2878, 16.0098, 20.0060



10.0067, 6.2376, 45.8044



0.9167, 0.6874, 3.8386

Inverse Universe

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



59.5282, 51.4895, 56.6724



65.7785, 54.3308, 59.4548



69.3547, 80.2813, 50.8716



15.9700, 15.8377, 17.3981



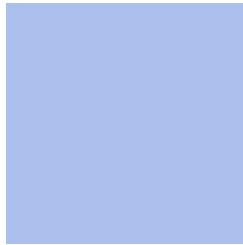
20.3765, 10.4230, 4.6333



1.7377, 0.8841, 0.6094

Previews

White Background



This preview shows how the XYZ color 51.2955, 52.6430, 88.3465 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 51.2955, 52.6430, 88.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

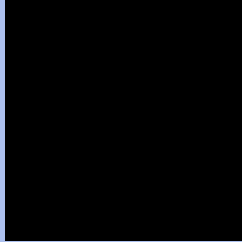
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2955, 52.6430, 88.3465

Background



This preview shows how black text looks on a background with the XYZ color 51.2955, 52.6430, 88.3465.



This preview shows how white text looks on a background with the XYZ color 51.2955, 52.6430,

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

51.2955, 52.6430, 88.3465

Protanopia

52.6098, 52.7068, 86.7575

Deuteranopia

53.8129, 52.6375, 88.9852



Tritanopia

47.7863, 52.9015, 69.9798

Trichromacy



Original Color

51.2955, 52.6430, 88.3465

Protanomaly

52.2770, 52.8410, 87.5648

Deuteranomaly

52.8336, 52.4509, 89.0008

Tritanomaly

48.9284, 52.6857, 75.9972

Monochromacy



Original Color

51.2955, 52.6430, 88.3465

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.7831, 52.0060, 67.0888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2955, 52.6430, 88.3465 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(172, 192, 238)` looks like.

```
.text, #text, p{  
    color:rgb(172, 192, 238)  
}
```

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(172, 192, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 192, 238) }
```

Border

The CSS property to change the border of an element to XYZ 51.2955, 52.6430, 88.3465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

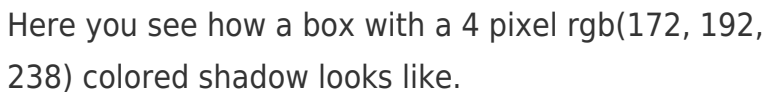
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 192, 238) }
```


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

```
.border{ border-color:rgb(172, 192, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 192, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 192, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 192, 238); box-shadow:4px 4px 4px 4px rgb(172, 192, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2955, 52.6430, 88.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 192, 238) }
```

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

```
.background{ background-color: rgb(172,  
192, 238) }
```

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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