

Converting Colors

XYZ(52.2017, 54.0247, 88.5987)

Have a look what the booklet for
XYZ(52.2017, 54.0247, 88.5987)
contains.

XYZ(52.1813, 54.0875, 88.5786)	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(52.1813, 54.0875,
88.5786)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC3EE
RGB	173, 195, 238
RGB Percent	68%, 76%, 93%
CMY	0.3216, 0.2353, 0.0667
CMYK	0.27, 0.18, 0.00, 0.07
HSL	220°, 66%, 81%
HSV	220°, 27%, 93%
XYZ	52.1813, 54.0875, 88.5786
YIQ	193.3240, -26.9150, 8.7090

Conversions

Conversions Part 2

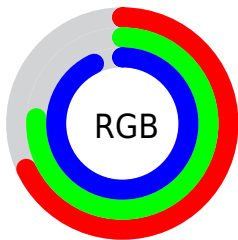
Format	Color
R_{YB}	173, 189, 238
Decimal	11387886
CIE _{Lab}	78.51, 2.03, -23.75
CIE _{LCh}	79, 23.837, 274.888
Yxy	54.0875, 0.2678, 0.2776
Android (android.graphics.Color)	4289577966 (0xFFADC3EE)
YUV	193.3240, 22.0253, -17.8241
Hunter-Lab	73.5442, -2.0525, -19.9295

Details

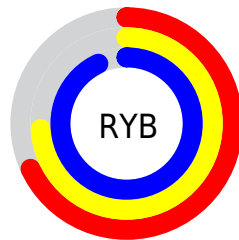
The XYZ color **52.1813, 54.0875, 88.5786** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.3594, 70.3065, 49.5570**, and the grayscale version is **50.7663, 53.4101, 58.1636**.

A 20% lighter version of the original color is **84.8603, 92.8724, 108.0613**, and **25.5761, 26.3491, 47.9938** is the 20% darker color. If you saturate the color by 10%, you get **44.0365, 44.9262, 87.2405**, and if you desaturate by 10%, it is **61.6389, 64.4803, 90.0871**.

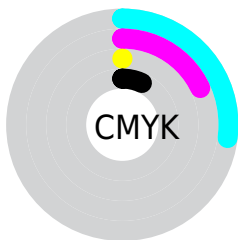
Distribution



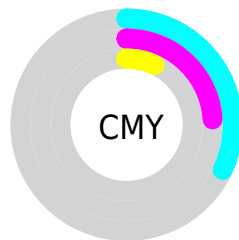
- Red (68%)
- Green (76%)
- Blue (93%)



- Red (68%)
- Yellow (74%)
- Blue (93%)



- Cyan (27%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (32%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1813, 54.0875, 88.5786 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 52.1813, 54.0875, 88.5786 by changing the saturation by 10% instead.

■ 52.1813, 54.0875,
88.5786

■ 52.1813, 54.0875,
88.5786

385.4486,
402.4436, 543.8465

■ 37.3745, 38.6716,
66.2353

■ 92.5712, 96.2027,
147.2806

■ 25.6726, 26.5044,
48.0057

118.8850,
123.6708, 184.4764

■ 16.7102, 17.2013,
33.4714

149.7651,
155.9251, 227.4602

■ 10.1221, 10.3781,
22.2138

185.5770,
193.3501, 276.6504

■ 5.5429, 5.6504,
13.8142

226.6859,
236.3300, 332.4656

■ 2.6072, 2.6337,
7.8543

273.4572,

■ 0.9496, 0.9436,

285.2493, 395.3243

3.9154

326.2563,
340.4923, 465.6451

■ 0.0000, 0.0000,
1.5791

■ 0.0000, 0.0000,
0.2758

■ 52.1813, 54.0875,
88.5786

■ 52.1813, 54.0875,
88.5786

■ 44.0365, 44.9262,
87.2405

■ 61.6389, 64.4803,
90.0871

■ 37.1381, 36.9413,
86.0628

■ 72.4613, 76.1438,
91.7679

■ 31.4214, 30.0829,
85.0403

■ 84.7037, 89.1235,
93.6280

■ 26.8135, 24.2944,
84.1659

■ 92.4328, 98.9531,
95.1180

■ 23.2323, 19.5136,
83.4319

■ 20.5832, 15.6703,
82.8296

■ 18.7453, 12.6792,
82.3492

■ 18.3426, 11.9927,
82.2379

Harmonies

Analogous

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



47.6730, 54.0875, 85.5307



52.1813, 54.0875, 88.5786



56.7449, 54.0875, 82.7376

Triad

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



52.1813, 54.0875, 88.5786



59.1719, 54.0875, 45.3119



43.6625, 54.0875, 48.5906

Complementary

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



52.1813, 54.0875, 88.5786



67.3594, 70.3065, 49.5570

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.



46.4177, 54.0875, 40.1343



52.1813, 54.0875, 88.5786



55.3343, 54.0875, 38.4530

Square

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



52.1813, 54.0875, 88.5786



60.9344, 54.0875, 56.7173



50.6435, 54.0875, 36.7121



42.9311, 54.0875, 61.1218

Rectangle

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



52.1813, 54.0875, 88.5786



59.1497, 54.0875, 75.0434



50.6435, 54.0875, 36.7121



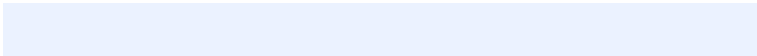
44.3741, 54.0875, 45.2423

Sweetspot

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



52.1830, 54.0897, 88.5798



83.7840, 88.0242, 107.1822



60.1073, 74.9536, 75.7593



17.5055, 18.3826, 22.8755



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.



52.1830, 54.0897, 88.5798



55.3122, 56.8616, 102.6679



49.8466, 46.0984, 87.1605



15.3345, 16.1032, 20.0216



10.3404, 6.9051, 45.9157



0.9489, 0.7519, 3.8493

Inverse Universe

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



60.0552, 52.0060, 58.5050



66.1222, 54.4682, 61.2644



70.1927, 80.7022, 51.4142



15.9935, 15.8471, 17.5222



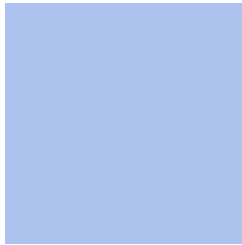
20.5450, 10.4904, 5.5204



1.7539, 0.8906, 0.6951

Previews

White Background



This preview shows how the XYZ color 52.1813, 54.0875, 88.5786 looks on a white background.

Color Contrast Check

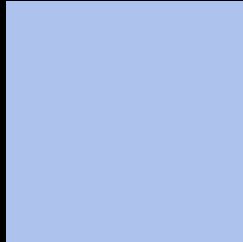
Large Text (above 18pt) WCAG AA × Fail

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 52.1813, 54.0875, 88.5786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

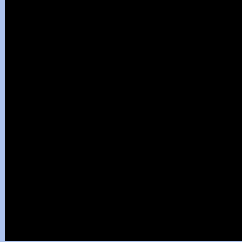
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1813, 54.0875, 88.5786

Background



This preview shows how black text looks on a background with the XYZ color 52.1813, 54.0875, 88.5786.



This preview shows how white text looks on a background with the XYZ color 52.1813, 54.0875,

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

52.1813, 54.0875, 88.5786

Protanopia

53.7571, 53.9457, 86.9361

Deuteranopia

55.2286, 54.0061, 89.1747



Tritanopia

48.8376, 54.0780, 72.1541

Trichromacy



Original Color

52.1813, 54.0875, 88.5786

Protanomaly

53.1784, 53.9577, 87.7328

Deuteranomaly

54.1968, 54.1216, 89.2514

Tritanomaly

50.0909, 54.2619, 77.6456

Monochromacy



Original Color

52.1813, 54.0875, 88.5786

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.0501, 53.6261, 67.9818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1813, 54.0875, 88.5786 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(173, 195, 238)` looks like.

```
.text, #text, p{  
    color:rgb(173, 195, 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(173, 195, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 195, 238) }
```

Border

The CSS property to change the border of an element to XYZ 52.1813, 54.0875, 88.5786 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(173, 195, 238) }
```


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

```
.border{ border-color:rgb(173, 195, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 195, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 195, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 195, 238); box-shadow:4px 4px 4px 4px rgb(173, 195, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1813, 54.0875, 88.5786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 195, 238) }
```

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

```
.background{ background-color: rgb(173,  
195, 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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