

Converting Colors

XYZ(55.0348, 53.5892,
106.1622)

Have a look what the booklet for
XYZ(55.0348, 53.5892, 106.1622)
contains.

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Color

**XYZ(54.1427, 53.1609,
102.0152)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBEFF
RGB	175, 190, 255
RGB Percent	69%, 75%, 100%
CMY	0.3137, 0.2549, 0.0000
CMYK	0.31, 0.25, 0.00, 0.00
HSL	229°, 100%, 84%
HSV	229°, 31%, 100%
XYZ	54.1427, 53.1609, 102.0152
YIQ	192.9250, -29.8050, 17.0350

Conversions

Conversions Part 2

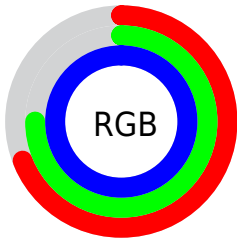
Format	Color
RYB	175, 188, 255
Decimal	11517695
CIELab	77.97, 9.44, -33.69
CIELCh	78, 34.983, 285.651
Yxy	53.1609, 0.2587, 0.2540
Android (android.graphics.Color)	4289707775 (0xFFAFBEFF)
YUV	192.9250, 30.6030, -15.7202
Hunter-Lab	72.9115, 4.9555, -31.9184

Details

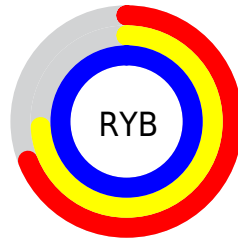
The XYZ color **54.1427, 53.1609, 102.0152** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.1384, 86.6756, 53.0657**, and the grayscale version is **50.4844, 53.1136, 57.8407**.

A 20% lighter version of the original color is **84.2845, 90.2873, 107.5927**, and **26.8844, 25.9616, 57.0202** is the 20% darker color. If you saturate the color by 10%, you get **44.7776, 42.1392, 100.3814**, and if you desaturate by 10%, it is **65.2295, 66.0195, 103.9128**.

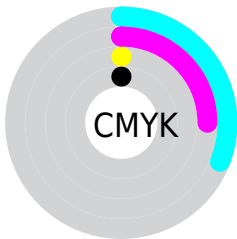
Distribution



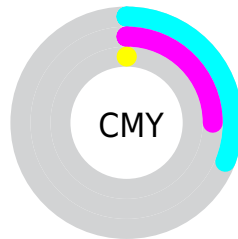
- Red (69%)
- Green (75%)
- Blue (100%)



- Red (69%)
- Yellow (74%)
- Blue (100%)



- Cyan (31%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1427, 53.1609, 102.0152 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 54.1427, 53.1609, 102.0152 by changing the saturation by 10% instead.

■ 54.1427, 53.1609,
102.0152

■ 54.1427, 53.1609,
102.0152

392.8434,
398.9021, 587.9362

■ 38.9469, 37.9312,
77.3583

■ 95.4394, 94.8411,
165.9998

■ 26.8989, 25.9293,
57.0337

122.2710,
122.0604, 206.1645

■ 17.6335, 16.7708,
40.6228

153.7119,
154.0450, 252.3357

■ 10.7853, 10.0712,
27.7070

190.1275,
191.1794, 304.9318

■ 5.9889, 5.4462,
17.8678

231.8830,
233.8479, 364.3713

■ 2.8789, 2.5114,
10.6866

279.3440,

■ 1.0901, 0.8823,

282.4349, 431.0729

5.7450

332.8757,
337.3249, 505.4550

■ 0.0168, 0.0000,
2.6244

■ 0.0000, 0.0000,
0.9050

■ 54.1427, 53.1609,
102.0152

■ 54.1427, 53.1609,
102.0152

■ 44.7776, 42.1392,
100.3814

■ 65.2295, 66.0195,
103.9128

■ 37.0417, 32.8633,
98.9987

■ 78.1147, 80.7883,
106.0844

■ 30.8409, 25.2435,
97.8547

■ 92.8759, 97.5439,
108.5405

■ 26.0691, 19.1790,
96.9357

■ 95.0500, 100.0000,
108.9000

■ 22.6063, 14.5578,
96.2262

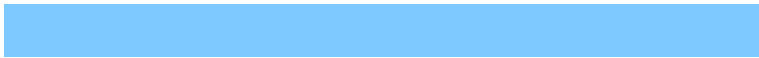
■ 20.3112, 11.2512,
95.7089

■ 19.0994, 9.3187,
95.3998

Harmonies

Analogous

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



47.3521, 53.1609, 102.3372



54.1427, 53.1609, 102.0152



60.4801, 53.1609, 88.2485

Triad

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



54.1427, 53.1609, 102.0152



60.2433, 53.1609, 34.9977



38.8758, 53.1609, 49.0791

Complementary

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



54.1427, 53.1609, 102.0152



80.1384, 86.6756, 53.0657

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.



41.7320, 53.1609, 35.4301



54.1427, 53.1609, 102.0152



53.8424, 53.1609, 28.6268

Square

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



54.1427, 53.1609, 102.0152



64.2122, 53.1609, 48.3458



47.0776, 53.1609, 28.7649



38.9405, 53.1609, 68.5990

Rectangle

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



54.1427, 53.1609, 102.0152



63.4186, 53.1609, 74.7594



47.0776, 53.1609, 28.7649



39.5141, 53.1609, 43.7595

Sweetspot

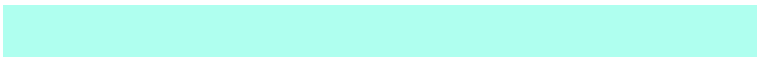
The Sweet Spot groups the original color and five complimentary colors.



54.1443, 53.1629, 102.0155



81.4422, 84.5787, 106.6406



69.0201, 86.8664, 94.7911



16.9922, 17.6026, 22.7520



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.



54.1443, 53.1629, 102.0155



47.7485, 45.6557, 100.9036



56.9346, 50.0239, 101.2625



17.2785, 17.9287, 22.7999



10.0582, 5.0259, 49.8746



1.0492, 0.6291, 4.8794

Inverse Universe

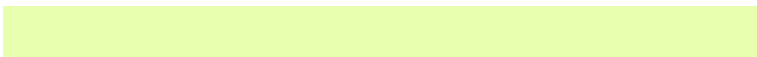
The Inverse Universe completely reimagines the original color for something new.



65.8654, 55.6393, 55.9853



61.3471, 48.8931, 47.4182



76.4536, 91.6044, 54.2113



18.1485, 18.0427, 19.3991



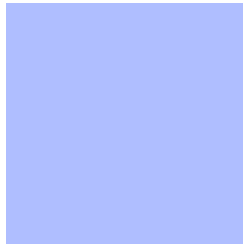
21.8651, 11.2353, 2.6742



2.1642, 1.1081, 0.4461

Previews

White Background



This preview shows how the XYZ color 54.1427, 53.1609, 102.0152 looks on a white background.

Color Contrast Check

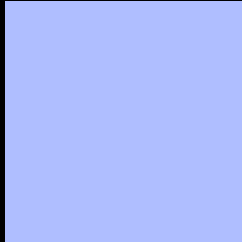
Large Text (above 18pt) WCAG AA × Fail

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 54.1427, 53.1609, 102.0152 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 54.1427, 53.1609, 102.0152

Background



This preview shows how black text looks on a background with the XYZ color 54.1427, 53.1609, 102.0152.



This preview shows how white text looks on a background with the XYZ color 54.1427, 53.1609,

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

54.1427, 53.1609, 102.0152

Protanopia

54.1427, 53.1609, 102.0152

Deuteranopia

54.3791, 52.9623, 101.9644



Tritanopia

47.9302, 53.2993, 70.7124

Trichromacy



Original Color

54.1427, 53.1609, 102.0152

Protanomaly

54.1427, 53.1609, 102.0152

Deuteranomaly

54.1521, 52.8453, 101.9538

Tritanomaly

49.8809, 53.0667, 81.0127

Monochromacy



Original Color

54.1427, 53.1609, 102.0152

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.4940, 53.0962, 72.5003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1427, 53.1609, 102.0152 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(175, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 190, 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(175, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 190, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.1427, 53.1609, 102.0152 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(175, 190, 255) }
```


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

```
.border{ border-color:rgb(175, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 190,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1427, 53.1609, 102.0152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 190, 255) }
```

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

```
.background{ background-color: rgb(175,  
190, 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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