

Converting Colors

XYZ(52.5967, 79.1053, 62.1520)

Have a look what the booklet for
XYZ(52.5967, 79.1053, 62.1520)
contains.

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Color

**XYZ(52.6105, 79.1077,
62.3656)**

Conversions

Conversions Part 1

Format	Color
Hex	75FFC0
RGB	117, 255, 192
RGB Percent	46%, 100%, 75%
CMY	0.5412, 0.0000, 0.2471
CMYK	0.54, 0.00, 0.25, 0.00
HSL	153°, 100%, 73%
HSV	153°, 54%, 100%
XYZ	52.6105, 79.1077, 62.3656
YIQ	206.5560, -62.0250, -48.8490

Conversions

Conversions Part 2

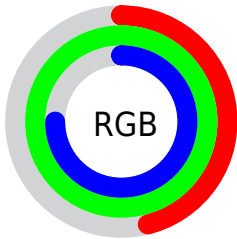
Format	Color
RYB	117, 206, 255
Decimal	7733184
CIELab	91.28, -51.89, 18.88
CIELCh	91, 55.220, 160.012
Yxy	79.1077, 0.2711, 0.4076
Android (android.graphics.Color)	4285923264 (0xFF75FFC0)
YUV	206.5560, -7.1761, -78.5406
Hunter-Lab	88.9425, -50.0646, 20.6862

Details

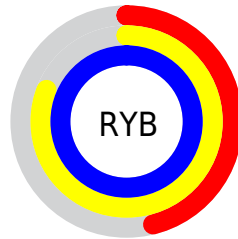
The XYZ color **52.6105, 79.1077, 62.3656** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **55.8399, 37.2785, 47.4327**, and the grayscale version is **59.0958, 62.1734, 67.7068**.

A 20% lighter version of the original color is **70.9903, 87.7067, 102.8100**, and **25.8203, 42.4205, 30.8719** is the 20% darker color. If you saturate the color by 10%, you get **48.3992, 77.0798, 55.7001**, and if you desaturate by 10%, it is **57.8581, 81.6579, 69.6148**.

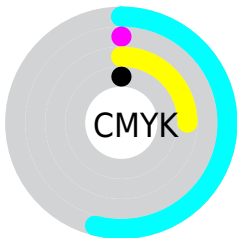
Distribution



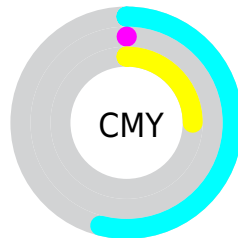
- Red (46%)
- Green (100%)
- Blue (75%)



- Red (46%)
- Yellow (81%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (54%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6105, 79.1077, 62.3656 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 52.6105, 79.1077, 62.3656 by changing the saturation by 10% instead.


 52.6105, 79.1077,
62.3656

 52.6105, 79.1077,
62.3656


387.0743,
491.9206, 451.3078


 37.7182, 58.9844,
44.8905


 93.1999, 132.1105,
109.8305

 25.9402, 42.6005,
31.0289


 119.6276,
165.7587, 140.6573

 16.9114, 29.5718,
20.3622


 150.6312,
204.6840, 176.7718

 10.2662, 19.5138,
12.4719

186.5760,
249.2708, 218.5924

 5.6395, 12.0421,
6.9395

227.8274,
299.9034, 266.5378

 2.6657, 6.7724,
3.3464

274.7506,

 0.9795, 3.3202,

356.9664, 321.0265

1.2741

327.7112,
420.8440, 382.4770

0.0000, 1.3011,
0.0404

0.0000, 0.1420,
0.0000

52.6105, 79.1077,
62.3656

52.6105, 79.1077,
62.3656

48.3992, 77.0798,
55.7001

57.8581, 81.6579,
69.6148

45.1421, 75.5324,
49.5984


64.2114, 84.7661,
77.4590


42.7473, 74.4183,
44.0447

71.7356, 88.4656,
85.9139

41.1017, 73.6794,
39.0206

80.4903, 92.7869,
94.9935

 40.3902, 73.3721,
36.3023

 90.5309, 97.7583,
104.7112

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.



59.1666, 79.1077, 39.5309



52.6105, 79.1077, 62.3656



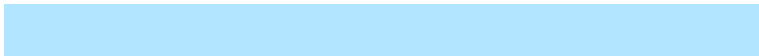
51.6609, 79.1077, 100.2552

Triad

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



52.6105, 79.1077, 62.3656



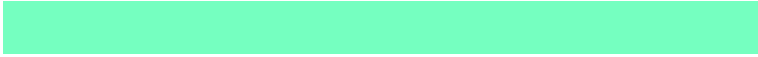
79.9705, 79.1077, 186.6241



97.7641, 79.1077, 45.4470

Complementary

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



52.6105, 79.1077, 62.3656



55.8399, 37.2785, 47.4327

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.



104.9566, 79.1077, 73.4068



52.6105, 79.1077, 62.3656



93.8717, 79.1077, 159.7574

Square

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



52.6105, 79.1077, 62.3656



66.3531, 79.1077, 180.8714



103.4499, 79.1077, 115.2855



84.7775, 79.1077, 32.0759

Rectangle

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



52.6105, 79.1077, 62.3656



54.1939, 79.1077, 130.7690



103.4499, 79.1077, 115.2855



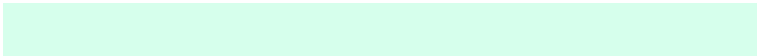
101.0086, 79.1077, 53.0241

Sweetspot

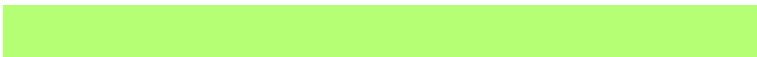
The Sweet Spot groups the original color and five complimentary colors.



52.6112, 79.1080, 62.3669



78.7447, 91.9242, 93.2351



58.1214, 82.6768, 29.7254



16.4573, 19.4793, 19.5503



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.



52.6112, 79.1080, 62.3669



48.0742, 76.9244, 55.1386



59.6966, 79.6222, 106.8300



18.1845, 20.3333, 21.2747



21.1811, 38.3690, 19.3707



2.1175, 3.7579, 2.1765

Inverse Universe

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



55.8399, 37.2785, 47.4327



51.6172, 31.1600, 38.8518



51.3619, 36.3661, 21.1428



18.3542, 18.1250, 20.4825



23.2817, 11.8020, 10.1340



2.3212, 1.1708, 1.2727

Previews

White Background



This preview shows how the XYZ color 52.6105, 79.1077, 62.3656 looks on a white background.

Color Contrast Check

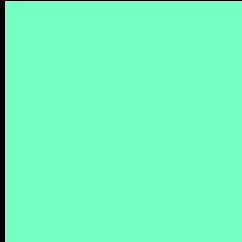
Large Text (above 18pt) WCAG AA × Fail

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 52.6105, 79.1077, 62.3656 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 52.6105, 79.1077, 62.3656

Background



This preview shows how black text looks on a background with the XYZ color 52.6105, 79.1077, 62.3656.

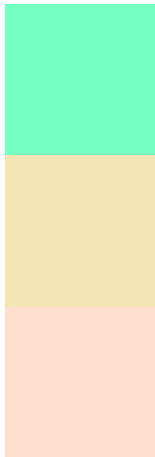


This preview shows how white text looks on a background with the XYZ color 52.6105, 79.1077, 62.3656.

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

52.6105, 79.1077, 62.3656

Protanopia

72.8422, 77.7962, 53.8248

Deuteranopia

78.3807, 77.9103, 68.6647



Tritanopia

66.2999, 78.7885, 106.3211

Trichromacy



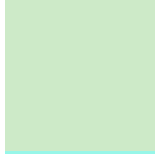
Original Color

52.6105, 79.1077, 62.3656



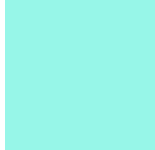
Protanomaly

62.2522, 76.4801, 56.8285



Deuteranomaly

65.0250, 75.9949, 65.8849



Tritanomaly

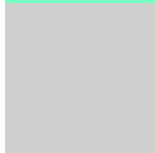
60.2838, 78.3170, 88.2833

Monochromacy



Original Color

52.6105, 79.1077, 62.3656



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

54.7719, 66.5742, 65.8404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6105, 79.1077, 62.3656 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(117, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(117, 255, 192)  
}
```

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(117, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 255, 192) }
```

Border

The CSS property to change the border of an element to XYZ 52.6105, 79.1077, 62.3656 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(117, 255, 192) }
```


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

```
.border{ border-color:rgb(117, 255, 192) }
```

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

Here you see how a box with a 4 pixel rgb(117, 255, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(117, 255,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6105, 79.1077, 62.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 255, 192) }
```

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

```
.background{ background-color: rgb(117,  
255, 192) }
```

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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