

Converting Colors

XYZ(58.3526, 77.3903,
105.6282)

Have a look what the booklet for
XYZ(58.3526, 77.3903, 105.6282)
contains.

XYZ(58.3526, 77.3903, 105.6282)	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(58.3526, 77.3903,
105.6282)**

Conversions

Conversions Part 1

Format	Color
Hex	74F7FE
RGB	116, 247, 254
RGB Percent	45%, 97%, 100%
CMY	0.5451, 0.0314, 0.0039
CMYK	0.54, 0.03, 0.00, 0.00
HSL	183°, 99%, 73%
HSV	183°, 54%, 100%
XYZ	58.3526, 77.3903, 105.6282
YIQ	208.6290, -80.3230, -25.5950

Conversions

Conversions Part 2

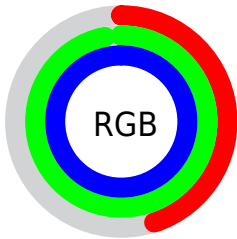
Format	Color
R _Y B	116, 183, 254
Decimal	7665662
CIE Lab	90.50, -34.10, -14.36
CIE LCh	91, 37.002, 202.843
Yxy	77.3903, 0.2418, 0.3206
Android (android.graphics.Color)	4285855742 (0xFF74F7FE)
YUV	208.6290, 22.3679, -81.2356
Hunter-Lab	87.9718, -35.5496, -9.6096

Details

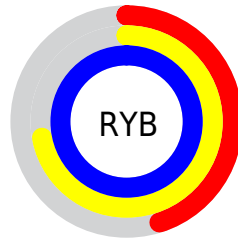
The XYZ color **58.3526, 77.3903, 105.6282** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **51.1099, 36.4992, 20.8763**, and the grayscale version is **60.2614, 63.3997, 69.0423**.

A 20% lighter version of the original color is **72.1701, 88.2050, 107.8292**, and **29.4878, 41.3717, 59.2547** is the 20% darker color. If you saturate the color by 10%, you get **55.0347, 75.0989, 105.3622**, and if you desaturate by 10%, it is **62.6007, 80.1688, 105.9420**.

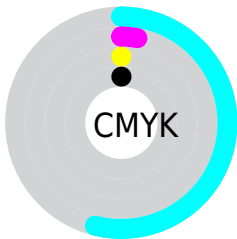
Distribution



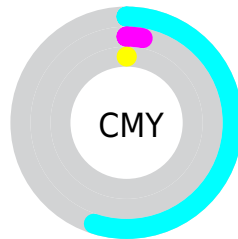
- Red (45%)
- Green (97%)
- Blue (100%)



- Red (45%)
- Yellow (72%)
- Blue (100%)



- Cyan (54%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3526, 77.3903, 105.6282 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 58.3526, 77.3903, 105.6282 by changing the saturation by 10% instead.

58.3526, 77.3903,
105.6282

58.3526, 77.3903,
105.6282

408.4312,
486.0937, 599.4905

42.3365, 57.5733,
80.3662

101.5562,
129.6903, 170.9894

29.5572, 41.4657,
59.4918

129.4744,
162.9420, 211.9257

19.6491, 28.6831,
42.5865

162.0907,
201.4408, 258.9238

12.2470, 18.8412,
29.2318

199.7705,
245.5710, 312.4023

6.9855, 11.5556,
19.0092

242.8791,
295.7169, 372.7796

3.4993, 6.4419,
11.5000

291.7818,

1.4230, 3.1156,

352.2631, 440.4744

6.2858

346.8441,
415.5939, 515.9052

■ 0.2725, 1.1924,
2.9481

■ 0.0000, 0.0555,
1.0682

■ 58.3526, 77.3903,
105.6282

■ 58.3526, 77.3903,
105.6282

■ 55.0347, 75.0989,
105.3622

■ 62.6007, 80.1688,
105.9420

■ 52.5629, 73.2459,
105.1348

■ 67.8405, 83.4608,
106.3012

■ 50.8497, 71.7880,
104.9437

■ 74.1363, 87.3013,
106.7107

■ 49.7852, 70.6686,
104.7837

■ 81.5452, 91.7197,
107.1730

■ 49.3809, 70.1383,
104.7027

■ 90.1200, 96.7431,
107.6907

94.8042, 99.7651,
108.0271

94.8896, 99.9359,
108.0556

Harmonies

Analogous

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



57.2825, 77.3903, 78.0765



58.3526, 77.3903, 105.6282



63.3284, 77.3903, 131.7335

Triad

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



58.3526, 77.3903, 105.6282



88.6634, 77.3903, 118.9298



75.7954, 77.3903, 43.1531

Complementary

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



58.3526, 77.3903, 105.6282



51.1099, 36.4992, 20.8763

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.



84.8320, 77.3903, 49.8369



58.3526, 77.3903, 105.6282



92.6548, 77.3903, 90.7719

Square

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



58.3526, 77.3903, 105.6282



80.6807, 77.3903, 140.4683



91.1970, 77.3903, 65.9957



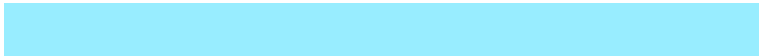
66.8658, 77.3903, 45.4977

Rectangle

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



58.3526, 77.3903, 105.6282



68.4340, 77.3903, 142.9125



91.1970, 77.3903, 65.9957



78.9298, 77.3903, 44.3612

Sweetspot

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



58.3549, 77.3933, 105.6300



80.9435, 91.7533, 108.0517



46.2149, 76.0258, 30.9468



16.9842, 19.4365, 23.1064



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.



58.3549, 77.3933, 105.6300



55.3309, 75.6303, 106.2896



41.0341, 42.7516, 99.8564



18.4713, 20.3142, 23.1974



26.0678, 37.0452, 55.2111



2.5614, 3.6535, 5.3835

Inverse Universe

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



63.9089, 40.2791, 92.4051



61.5593, 35.1369, 91.2059



62.8549, 59.9893, 24.7913



18.7505, 18.2835, 22.5694



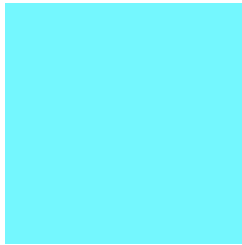
29.9460, 14.4677, 45.2277



2.9275, 1.4134, 4.4655

Previews

White Background



This preview shows how the XYZ color 58.3526, 77.3903, 105.6282 looks on a white background.

Color Contrast Check

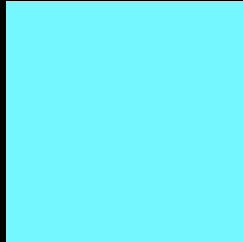
Large Text (above 18pt) WCAG AA × Fail

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 58.3526, 77.3903, 105.6282 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 58.3526, 77.3903, 105.6282

Background



This preview shows how black text looks on a background with the XYZ color 58.3526, 77.3903, 105.6282.

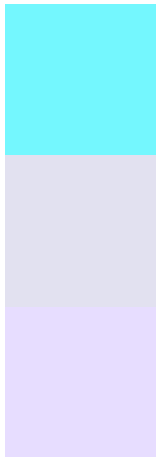


This preview shows how white text looks on a background with the XYZ color 58.3526, 77.3903,

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

58.3526, 77.3903, 105.6282

Protanopia

74.0174, 76.3104, 93.2663

Deuteranopia

76.8614, 75.9218, 105.2111



Tritanopia

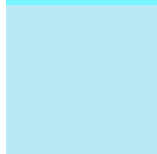
63.5082, 76.9111, 106.1058

Trichromacy



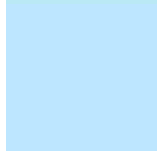
Original Color

58.3526, 77.3903, 105.6282



Protanomaly

65.8700, 75.3095, 97.4507



Deuteranomaly

67.3331, 74.6324, 105.4644



Tritanomaly

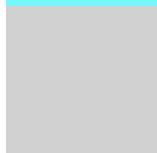
61.4283, 77.1608, 106.2637

Monochromacy



Original Color

58.3526, 77.3903, 105.6282



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.6575, 67.3256, 81.1904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3526, 77.3903, 105.6282 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(116, 247, 254)` looks like.

```
.text, #text, p{  
    color:rgb(116, 247, 254)  
}
```

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(116, 247, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 247, 254) }
```

Border

The CSS property to change the border of an element to XYZ 58.3526, 77.3903, 105.6282 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(116, 247, 254) }
```


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

```
.border{ border-color:rgb(116, 247, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 247, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 247, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 247, 254);  
box-shadow:4px 4px 4px 4px rgb(116, 247,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3526, 77.3903, 105.6282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 247, 254) }
```

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

```
.background{ background-color: rgb(116,  
247, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor