

Converting Colors

XYZ(56.1353, 75.3441,
105.3502)

Have a look what the booklet for
XYZ(56.1353, 75.3441, 105.3502)
contains.

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Color

**XYZ(56.1353, 75.3441,
105.3502)**

Conversions

Conversions Part 1

Format	Color
Hex	67F5FE
RGB	103, 245, 254
RGB Percent	40%, 96%, 100%
CMY	0.5960, 0.0392, 0.0039
CMYK	0.59, 0.04, 0.00, 0.00
HSL	184°, 99%, 70%
HSV	184°, 59%, 100%
XYZ	56.1353, 75.3441, 105.3502
YIQ	203.5680, -87.5210, -27.3050

Conversions

Conversions Part 2

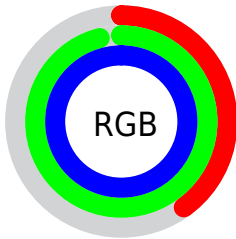
Format	Color
R_{YB}	103, 176, 254
Decimal	6813182
CIE _{Lab}	89.55, -35.47, -15.82
CIE _{LCh}	90, 38.840, 204.042
Yxy	75.3441, 0.2370, 0.3181
Android (android.graphics.Color)	4285003262 (0xFF67F5FE)
YUV	203.5680, 24.8630, -88.1981
Hunter-Lab	86.8010, -36.4635, -11.1995

Details

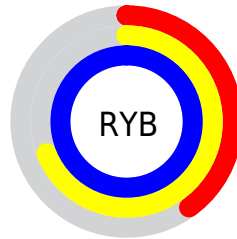
The XYZ color **56.1353, 75.3441, 105.3502** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **49.1170, 33.6402, 16.7385**, and the grayscale version is **57.0121, 59.9812, 65.3195**.

A 20% lighter version of the original color is **69.7463, 86.9555, 107.7158**, and **28.0613, 39.9977, 59.0647** is the 20% darker color. If you saturate the color by 10%, you get **53.1969, 73.1539, 105.0837**, and if you desaturate by 10%, it is **59.9666, 78.0035, 105.6629**.

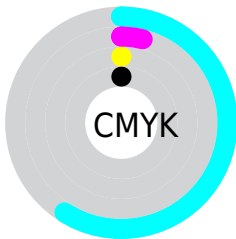
Distribution



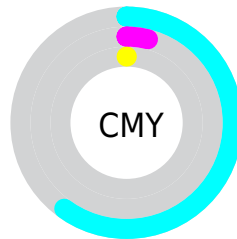
- Red (40%)
- Green (96%)
- Blue (100%)



- Red (40%)
- Yellow (69%)
- Blue (100%)



- Cyan (59%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (60%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1353, 75.3441, 105.3502 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 56.1353, 75.3441, 105.3502 by changing the saturation by 10% instead.


 56.1353, 75.3441,
105.3502


 56.1353, 75.3441,
105.3502


400.2680,
479.0995, 598.6056


 40.5488, 55.8948,
80.1345


 98.3410, 126.7993,
170.6061

 28.1528, 40.1186,
59.3022


 125.6910,
159.5741, 211.4834

 18.5819, 27.6310,
42.4348


 157.6929,
197.5595, 258.4183

 11.4708, 18.0477,
29.1138

194.7120,
241.1399, 311.8293

 6.4541, 10.9842,
18.9206

237.1137,
290.6997, 372.1350

 3.1664, 6.0562,
11.4367

285.2634,

 1.2423, 2.8793,

346.6233, 439.7540

6.2435

339.5263,
409.2951, 515.1046

■ 0.1394, 1.0691,
2.9225

■ 0.0000, 0.0000,
1.0552

■ 56.1353, 75.3441,
105.3502

■ 56.1353, 75.3441,
105.3502

■ 53.1969, 73.1539,
105.0837

■ 59.9666, 78.0035,
105.6629

■ 51.0617, 71.3817,
104.8542

■ 64.7565, 81.1609,
106.0199

■ 49.6331, 69.9793,
104.6588

■ 70.5725, 84.8529,
106.4260

■ 48.7589, 68.8682,
104.4904

■ 77.4740, 89.1101,
106.8840

■ 48.7167, 68.8100,
104.4814

■ 85.5158, 93.9608,
107.3964

94.5986, 99.3538,
107.9587

94.8897, 99.9359,
108.0557

Harmonies

Analogous

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



54.8764, 75.3441, 76.7050



56.1353, 75.3441, 105.3502



61.3741, 75.3441, 132.3200

Triad

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



56.1353, 75.3441, 105.3502



87.5069, 75.3441, 116.9049



73.5328, 75.3441, 40.1007

Complementary

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



56.1353, 75.3441, 105.3502



49.1170, 33.6402, 16.7385

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.



82.9301, 75.3441, 46.4430



56.1353, 75.3441, 105.3502



91.4457, 75.3441, 87.6104

Square

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



56.1353, 75.3441, 105.3502



79.3470, 75.3441, 139.9606



89.7008, 75.3441, 62.4448



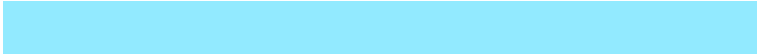
64.3973, 75.3441, 42.8111

Rectangle

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



56.1353, 75.3441, 105.3502



66.6875, 75.3441, 143.6079



89.7008, 75.3441, 62.4448



76.7737, 75.3441, 41.1904

Sweetspot

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



56.1376, 75.3469, 105.3520



79.2664, 90.5771, 107.9131



43.8817, 74.9067, 27.0571



16.4973, 19.1013, 23.0674



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.



56.1376, 75.3469, 105.3520



53.2844, 73.5022, 105.9867



38.0385, 39.1487, 99.3190



18.4567, 20.2850, 23.1926



25.7231, 36.3558, 55.0962



2.5316, 3.5939, 5.3735

Inverse Universe

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



62.2067, 37.3660, 90.3229



60.0466, 32.6954, 88.9020



60.8926, 57.1913, 20.6636



18.7432, 18.2806, 22.5306



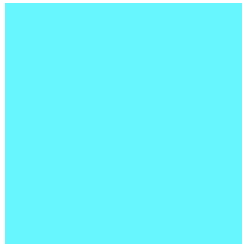
29.7720, 14.3981, 44.3115



2.9124, 1.4074, 4.3863

Previews

White Background



This preview shows how the XYZ color 56.1353, 75.3441, 105.3502 looks on a white background.

Color Contrast Check

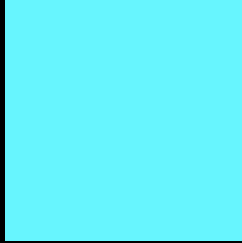
Large Text (above 18pt) WCAG AA × Fail

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 56.1353, 75.3441, 105.3502 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 56.1353, 75.3441, 105.3502

Background



This preview shows how black text looks on a background with the XYZ color 56.1353, 75.3441, 105.3502.

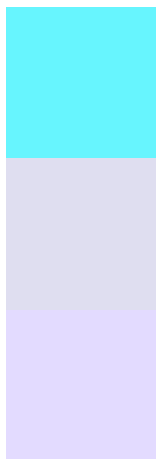


This preview shows how white text looks on a background with the XYZ color 56.1353, 75.3441,

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

56.1353, 75.3441, 105.3502

Protanopia

72.2809, 74.2218, 92.9547

Deuteranopia

75.0601, 74.2139, 104.9764



Tritanopia

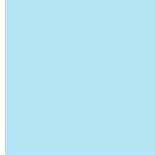
60.4181, 74.8823, 105.8771

Trichromacy



Original Color

56.1353, 75.3441, 105.3502



Protanomaly

63.3687, 72.7699, 97.0923



Deuteranomaly

65.0848, 72.6519, 105.2006



Tritanomaly

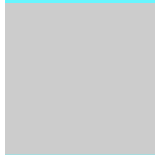
58.5586, 74.7977, 105.9588

Monochromacy



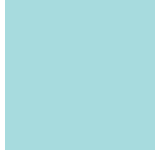
Original Color

56.1353, 75.3441, 105.3502



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

54.4527, 64.1525, 78.6199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1353, 75.3441, 105.3502 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(103, 245, 254)` looks like.

```
.text, #text, p{  
    color:rgb(103, 245, 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(103, 245, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 245, 254) }
```

Border

The CSS property to change the border of an element to XYZ 56.1353, 75.3441, 105.3502 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(103, 245, 254) }
```


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

```
.border{ border-color:rgb(103, 245, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 245, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 245, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 245, 254);  
box-shadow:4px 4px 4px 4px rgb(103, 245,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1353, 75.3441, 105.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 245, 254) }
```

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

```
.background{ background-color: rgb(103,  
245, 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](#).

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