

Converting Colors

XYZ(57.0828, 75.7562,
129.4158)

Have a look what the booklet for
XYZ(57.0828, 75.7562, 129.4158)
contains.

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Color

**XYZ(52.6367, 73.9723,
106.1116)**

Conversions

Conversions Part 1

Format	Color
Hex	38F6FF
RGB	56, 246, 255
RGB Percent	22%, 96%, 100%
CMY	0.7803, 0.0353, 0.0000
CMYK	0.78, 0.04, 0.00, 0.00
HSL	183°, 100%, 61%
HSV	183°, 78%, 100%
XYZ	52.6367, 73.9723, 106.1116
YIQ	190.2160, -116.1290, -37.4810

Conversions

Conversions Part 2

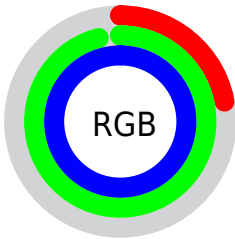
Format	Color
R_{YB}	56, 153, 255
Decimal	3733247
CIE _{Lab}	88.91, -41.59, -17.41
CIE _{LCh}	89, 45.091, 202.713
Yxy	73.9723, 0.2262, 0.3179
Android (android.graphics.Color)	4281923327 (0xFF38F6FF)
YUV	190.2160, 31.9385, -117.7074
Hunter-Lab	86.0072, -41.2698, -12.9442

Details

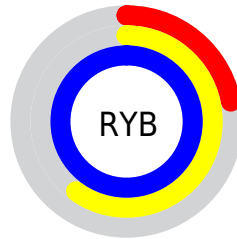
The XYZ color **52.6367, 73.9723, 106.1116** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **43.8454, 25.3279, 6.3215**, and the grayscale version is **48.9414, 51.4902, 56.0728**.

A 20% lighter version of the original color is **63.9633, 83.9742, 107.4452**, and **28.3906, 40.4724, 59.7417** is the 20% darker color. If you saturate the color by 10%, you get **51.2079, 72.7183, 105.9448**, and if you desaturate by 10%, it is **54.7965, 75.6095, 106.3138**.

Distribution



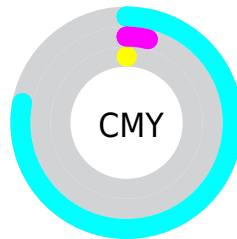
- Red (22%)
- Green (96%)
- Blue (100%)



- Red (22%)
- Yellow (60%)
- Blue (100%)



- Cyan (78%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6367, 73.9723, 106.1116 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 52.6367, 73.9723, 106.1116 by changing the saturation by 10% instead.


 52.6367, 73.9723,
106.1116

 52.6367, 73.9723,
106.1116

387.1734,
474.3778, 601.0276

 37.7391, 54.7714,
80.7691


 93.2382, 124.8565,
171.6557


 25.9566, 39.2187,
59.8216


 119.6729,
157.3086, 212.6944

 16.9237, 26.9299,
42.8505

 150.6841,
194.9466, 259.8023

 10.2751, 17.5206,
29.4373

 186.6370,
238.1548, 313.3978

 5.6454, 10.6063,
19.1634

227.8970,
287.3176, 373.8996

 2.6693, 5.8028,
11.6104

274.8295,

 0.9814, 2.7255,

342.8194, 441.7261

6.3597

327.7999,
405.0447, 517.2959

■ 0.0000, 0.9902,
2.9927

■ 0.0000, 0.0000,
1.0909

■ 52.6367, 73.9723,
106.1116

■ 52.6367, 73.9723,
106.1116

■ 51.2079, 72.7183,
105.9448

■ 54.7965, 75.6095,
106.3138

■ 50.3726, 71.7720,
105.8062

■ 57.7781, 77.6721,
106.5547

■ 50.2417, 71.6033,
105.7806

■ 61.6656, 80.2049,
106.8387

■ 66.5311, 83.2451,
107.1691

72.4394, 86.8261,
107.5489

79.4499, 90.9786,
107.9809

87.6172, 95.7308,
108.4677

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.



51.4412, 73.9723, 73.1417



52.6367, 73.9723, 106.1116



58.3208, 73.9723, 138.6012

Triad

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



52.6367, 73.9723, 106.1116



88.4049, 73.9723, 122.8235



73.0102, 73.9723, 34.3506

Complementary

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



52.6367, 73.9723, 106.1116



43.8454, 25.3279, 6.3215

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.



83.8355, 73.9723, 41.4957



52.6367, 73.9723, 106.1116



93.3029, 73.9723, 88.4280

Square

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



52.6367, 73.9723, 106.1116



78.7461, 73.9723, 149.8653



91.5495, 73.9723, 59.4522



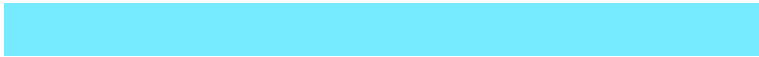
62.4961, 73.9723, 36.7765

Rectangle

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



52.6367, 73.9723, 106.1116



64.2417, 73.9723, 152.8348



91.5495, 73.9723, 59.4522



76.7456, 73.9723, 35.6323

Sweetspot

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



52.6387, 73.9749, 106.1120



75.8260, 88.8425, 107.7596



38.2793, 72.7162, 16.6697



15.7034, 18.7029, 23.0323



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.



52.6387, 73.9749, 106.1120



50.6515, 72.1233, 105.8593



30.4097, 29.5170, 98.7023



18.4803, 20.3323, 23.2005



26.2832, 37.4761, 55.2829



2.5800, 3.6907, 5.3897

Inverse Universe

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



59.2901, 30.7441, 90.0009



57.7689, 28.1517, 88.1065



54.8995, 47.4363, 10.0063



18.7551, 18.2854, 22.5935



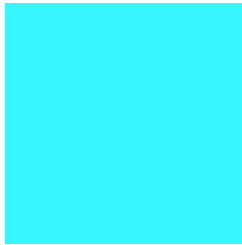
30.0548, 14.5112, 45.8003



2.9369, 1.4171, 4.5150

Previews

White Background



This preview shows how the XYZ color 52.6367, 73.9723, 106.1116 looks on a white background.

Color Contrast Check

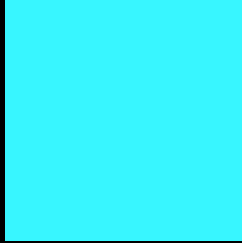
Large Text (above 18pt) WCAG AA × Fail

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 52.6367, 73.9723, 106.1116 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

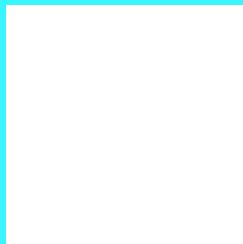
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6367, 73.9723, 106.1116

Background



This preview shows how black text looks on a background with the XYZ color 52.6367, 73.9723, 106.1116.

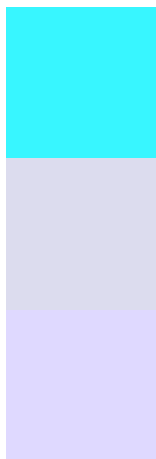


This preview shows how white text looks on a background with the XYZ color 52.6367, 73.9723,

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

52.6367, 73.9723, 106.1116

Protanopia

70.5410, 72.5751, 91.1794

Deuteranopia

73.2943, 72.5337, 104.7451



Tritanopia

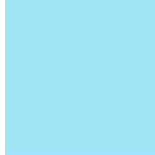
57.3739, 73.3130, 105.7346

Trichromacy



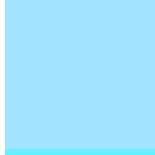
Original Color

52.6367, 73.9723, 106.1116



Protanomaly

58.8457, 70.0439, 96.0063



Deuteranomaly

60.6937, 70.3882, 104.9951



Tritanomaly

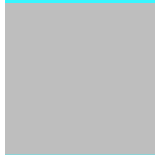
55.0577, 73.4336, 105.8800

Monochromacy



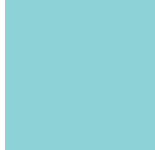
Original Color

52.6367, 73.9723, 106.1116



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

46.1687, 56.6109, 72.1120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6367, 73.9723, 106.1116 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(56, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(56, 246, 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(56, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.6367, 73.9723, 106.1116 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(56, 246, 255) }
```


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

```
.border{ border-color:rgb(56, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(56, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6367, 73.9723, 106.1116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 246, 255) }
```

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

```
.background{ background-color: rgb(56, 246,  
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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