

Converting Colors

XYZ(56.1202, 77.2436,
101.5742)

Have a look what the booklet for
XYZ(56.1202, 77.2436, 101.5742)
contains.

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Color

**XYZ(56.1202, 77.2436,
101.5742)**

Conversions

Conversions Part 1

Format	Color
Hex	63F9F9
RGB	99, 249, 249
RGB Percent	39%, 98%, 98%
CMY	0.6117, 0.0235, 0.0235
CMYK	0.60, 0.00, 0.00, 0.02
HSL	180°, 93%, 68%
HSV	180°, 60%, 98%
XYZ	56.1202, 77.2436, 101.5742
YIQ	204.1500, -89.4000, -31.8000

Conversions

Conversions Part 2

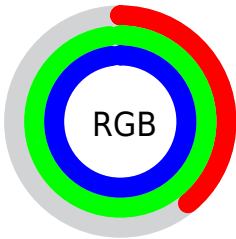
Format	Color
R _Y B	99, 174, 249
Decimal	6552057
CIE Lab	90.43, -39.30, -11.91
CIE LCh	90, 41.066, 196.866
Yxy	77.2436, 0.2389, 0.3288
Android (android.graphics.Color)	4284742137 (0xFF63F9F9)
YUV	204.1500, 22.1111, -92.2165
Hunter-Lab	87.8883, -39.8252, -7.0007

Details

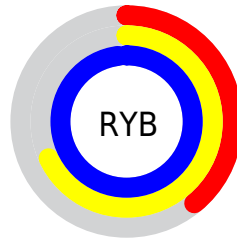
The XYZ color **56.1202, 77.2436, 101.5742** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **45.7836, 29.9667, 15.1781**, and the grayscale version is **57.3969, 60.3860, 65.7604**.

A 20% lighter version of the original color is **69.1198, 86.6325, 107.6865**, and **28.4753, 41.5495, 56.9711** is the 20% darker color. If you saturate the color by 10%, you get **53.8083, 76.0535, 101.4674**, and if you desaturate by 10%, it is **59.2751, 78.8717, 101.7239**.

Distribution



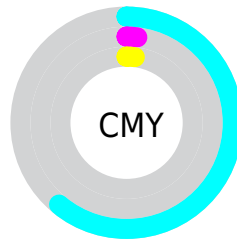
- Red (39%)
- Green (98%)
- Blue (98%)



- Red (39%)
- Yellow (68%)
- Blue (98%)



- Cyan (60%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (61%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1202, 77.2436, 101.5742 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 56.1202, 77.2436, 101.5742 by changing the saturation by 10% instead.

56.1202, 77.2436,
101.5742

56.1202, 77.2436,
101.5742

400.2120,
485.5942, 586.5177

40.5367, 57.4528,
76.9917

98.3191, 129.4833,
165.3895

28.1433, 41.3689,
56.7345

125.6652,
162.7010, 205.4594

18.5747, 28.6075,
40.3842

157.6628,
201.1631, 251.5288

11.4656, 18.7841,
27.5222

194.6774,
245.2541, 304.0163

6.4505, 11.5144,
17.7299

237.0742,
295.3583, 363.3404

3.1641, 6.4139,
10.5888

285.2187,

1.2411, 3.0984,

351.8601, 429.9196

5.6804

339.4762,
415.1440, 504.1726

■ 0.1385, 1.1833,
2.5861

■ 0.0000, 0.0480,
0.8853

■ 56.1202, 77.2436,
101.5742

■ 56.1202, 77.2436,
101.5742

■ 53.8083, 76.0535,
101.4674

■ 59.2751, 78.8717,
101.7239

■ 52.2526, 75.2515,
101.3943


■ 63.3357, 80.9651,
101.9142

■ 51.3599, 74.7913,
101.3523


■ 68.3671, 83.5588,
102.1500


■ 50.9758, 74.5933,
101.3340


■ 74.4260, 86.6823,
102.4338

 81.5652, 90.3627,
102.7682

 89.8335, 94.6251,
103.1554

 92.2164, 95.8536,
103.2673

 92.2165, 95.8536,
103.2676

 92.2165, 95.8536,
103.2679

Harmonies

Analogous

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



55.8428, 77.2436, 71.9163



56.1202, 77.2436, 101.5742



60.7461, 77.2436, 132.4059

Triad

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



56.1202, 77.2436, 101.5742



88.7657, 77.2436, 128.9180



77.9894, 77.2436, 40.2308

Complementary

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



56.1202, 77.2436, 101.5742



45.7836, 29.9667, 15.1781

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.



87.7393, 77.2436, 49.2627



56.1202, 77.2436, 101.5742



94.3400, 77.2436, 97.5988

Square

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



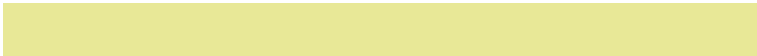
56.1202, 77.2436, 101.5742



79.2878, 77.2436, 150.5389



93.9478, 77.2436, 68.7634



67.8448, 77.2436, 40.8157

Rectangle

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



56.1202, 77.2436, 101.5742



65.9410, 77.2436, 147.4475



93.9478, 77.2436, 68.7634



81.4393, 77.2436, 42.1336

Sweetspot

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



56.1225, 77.2465, 101.5760



80.1327, 92.3099, 108.2013



41.5533, 71.4509, 23.4078



16.7124, 19.5317, 23.1390



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.



56.1225, 77.2465, 101.5760



56.4375, 80.0946, 107.0907



37.8707, 40.7424, 95.4938



17.7659, 19.6086, 22.2337



27.2856, 39.9272, 54.2406



2.5271, 3.6980, 5.0236

Inverse Universe

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



45.7836, 29.9667, 15.1781



44.6691, 26.2776, 8.7470



55.9795, 50.3589, 18.5762



17.2447, 17.2252, 17.8784



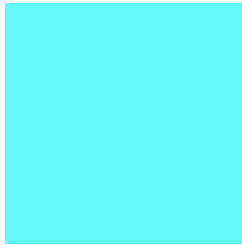
20.9119, 10.7805, 0.9787



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 56.1202, 77.2436, 101.5742 looks on a white background.

Color Contrast Check

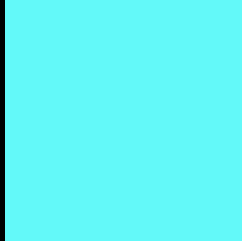
Large Text (above 18pt) WCAG AA × Fail

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 56.1202, 77.2436, 101.5742 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 56.1202, 77.2436, 101.5742

Background



This preview shows how black text looks on a background with the XYZ color 56.1202, 77.2436, 101.5742.

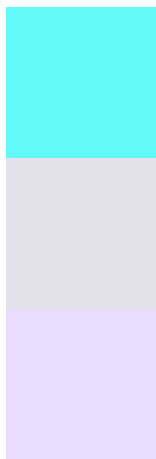


This preview shows how white text looks on a background with the XYZ color 56.1202, 77.2436,

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

56.1202, 77.2436, 101.5742

Protanopia

73.4550, 76.1218, 88.6634

Deuteranopia

77.5749, 75.8988, 105.1690



Tritanopia

62.7277, 76.5087, 106.0693

Trichromacy



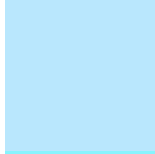
Original Color

56.1202, 77.2436, 101.5742



Protanomaly

63.8252, 74.7809, 92.7316



Deuteranomaly

66.3131, 74.5580, 103.8246



Tritanomaly

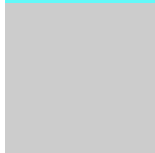
59.7719, 76.3439, 104.5140

Monochromacy



Original Color

56.1202, 77.2436, 101.5742



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

54.2374, 64.4607, 77.2937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1202, 77.2436, 101.5742 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(99, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(99, 249, 249)  
}
```

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(99, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 249, 249) }
```

Border

The CSS property to change the border of an element to XYZ 56.1202, 77.2436, 101.5742 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(99, 249, 249) }
```


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

```
.border{ border-color:rgb(99, 249, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 249, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(99, 249,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1202, 77.2436, 101.5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 249, 249) }
```

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

```
.background{ background-color: rgb(99, 249,  
249) }
```

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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