

Converting Colors

XYZ(56.0696, 28.4822, 97.1502)

Have a look what the booklet for
XYZ(56.0696, 28.4822, 97.1502)
contains.

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Color

**XYZ(56.1528, 28.5559,
97.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	F332FF
RGB	243, 50, 255
RGB Percent	95%, 20%, 100%
CMY	0.0471, 0.8039, 0.0000
CMYK	0.05, 0.80, 0.00, 0.00
HSL	296°, 100%, 60%
HSV	296°, 80%, 100%
XYZ	56.1528, 28.5559, 97.1600
YIQ	131.0770, 49.2230, 104.6710

Conversions

Conversions Part 2

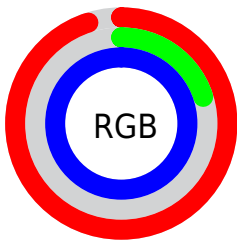
Format	Color
R _Y B	243, 50, 255
Decimal	15938303
CIE Lab	60.39, 90.29, -60.85
CIE LCh	60, 108.878, 326.025
Yxy	28.5559, 0.3088, 0.1570
Android (android.graphics.Color)	4294128383 (0xFFFF332FF)
YUV	131.0770, 61.0940, 98.1565
Hunter-Lab	53.4377, 94.0533, -70.3942

Details

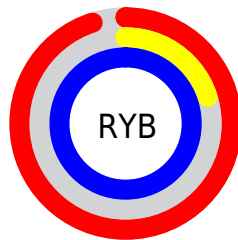
The XYZ color **56.1528, 28.5559, 97.1600** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **38.3231, 72.7748, 15.0459**, and the grayscale version is **21.3797, 22.4931, 24.4950**.

A 20% lighter version of the original color is **66.0065, 41.9129, 99.2188**, and **29.3694, 13.9763, 53.9731** is the 20% darker color. If you saturate the color by 10%, you get **54.8371, 26.6851, 96.8682**, and if you desaturate by 10%, it is **58.0809, 31.6434, 97.6543**.

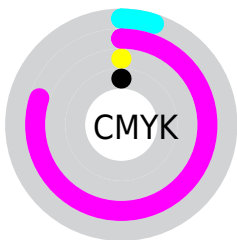
Distribution



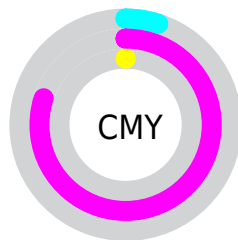
- Red (95%)
- Green (20%)
- Blue (100%)



- Red (95%)
- Yellow (20%)
- Blue (100%)



- Cyan (5%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1528, 28.5559, 97.1600 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 56.1528, 28.5559, 97.1600 by changing the saturation by 10% instead.


 56.1528, 28.5559,
97.1600


 56.1528, 28.5559,
97.1600


400.3328,
295.1138, 572.2171

 40.5629, 18.7451,
73.3273

 98.3665, 57.3707,
159.2665


 28.1639, 11.4863,
53.7502


 125.7210, 77.1436,
198.3774


 18.5903, 6.3949,
38.0101


 157.7277,
101.0060, 243.4181

 11.4769, 3.0867,
25.6887

 194.7521,
129.3422, 294.8071

 6.4582, 1.1771,
16.3672

 237.1594,
162.5367, 352.9629

 3.1689, 0.0429,
9.6272

285.3151,

 1.2437, 0.0000,

200.9738, 418.3042

5.0501

339.5844,
245.0381, 491.2494

■ 0.1405, 0.0000,
2.2175

■ 0.0000, 0.0000,
0.6844

■ 56.1528, 28.5559,
97.1600

■ 56.1528, 28.5559,
97.1600

■ 54.8371, 26.6851,
96.8682

■ 58.0809, 31.6434,
97.6543

■ 54.0106, 25.7584,
96.7329

■ 60.7062, 36.1199,
98.3800

■ 64.1034, 42.1340,
99.3618

■ 68.3369, 49.8145,
100.6211

■ 73.4642, 59.2762,
102.1772

■ 79.5377, 70.6242,
104.0475

■ 86.6059, 83.9552,
106.2481

94.7138, 99.3593,
108.7940

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.



40.7521, 28.5559, 164.6089



56.1528, 28.5559, 97.1600



63.8372, 28.5559, 36.7509

Triad

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



56.1528, 28.5559, 97.1600



29.0513, 28.5559, 0.0000



9.4237, 28.5559, 78.6817

Complementary

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



56.1528, 28.5559, 97.1600



38.3231, 72.7748, 15.0459

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.



8.1675, 28.5559, 26.0470



56.1528, 28.5559, 97.1600



16.9590, 28.5559, 0.4389

Square

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



56.1528, 28.5559, 97.1600



45.1403, 28.5559, 0.9667



10.3763, 28.5559, 4.8421



14.7040, 28.5559, 148.8978

Rectangle

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



56.1528, 28.5559, 97.1600



62.1171, 28.5559, 14.2941



10.3763, 28.5559, 4.8421



8.6162, 28.5559, 57.6066

Sweetspot

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



56.1539, 28.5571, 97.1602



77.2317, 66.3016, 103.3347



21.1811, 11.5288, 95.7166



16.0706, 13.3319, 21.9762



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.



56.1539, 28.5571, 97.1602



54.3245, 26.0845, 96.7793



49.2797, 26.3016, 38.6382



18.6815, 18.2430, 22.7866



28.2670, 13.4827, 50.5472



2.7829, 1.3286, 4.9230

Inverse Universe

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



43.2508, 23.8900, 6.8903



41.5211, 21.5496, 2.8643



41.7244, 74.0578, 36.4600



18.0525, 18.0043, 18.8935



21.6103, 11.1334, 1.3325



2.1186, 1.0898, 0.2058

Previews

White Background



This preview shows how the XYZ color 56.1528, 28.5559, 97.1600 looks on a white background.

Color Contrast Check

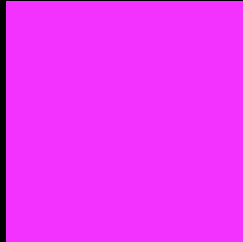
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.1528, 28.5559, 97.1600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

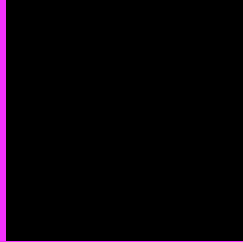
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 56.1528, 28.5559, 97.1600

Background



This preview shows how black text looks on a background with the XYZ color 56.1528, 28.5559, 97.1600.



This preview shows how white text looks on a background with the XYZ color 56.1528, 28.5559,

97.1600.

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

56.1528, 28.5559, 97.1600

Protanopia

32.1366, 28.8413, 98.4809

Deuteranopia

29.7233, 28.7476, 87.2013



Tritanopia

40.1935, 28.3170, 19.8703

Trichromacy



Original Color

56.1528, 28.5559, 97.1600

Protanomaly

35.5513, 24.3603, 97.4360

Deuteranomaly

33.3035, 23.6854, 90.0052

Tritanomaly

43.9875, 26.9300, 39.4388

Monochromacy



Original Color

56.1528, 28.5559, 97.1600

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

29.6011, 21.4080, 43.6463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1528, 28.5559, 97.1600 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(243, 50, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 50, 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(243, 50, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 50, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.1528, 28.5559, 97.1600 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(243, 50, 255) }
```


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

```
.border{ border-color:rgb(243, 50, 255) }
```

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

Here you see how a box with a 4 pixel rgb(243, 50, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 50, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 50, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 50,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1528, 28.5559, 97.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 50, 255) }
```

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

```
.background{ background-color: rgb(243, 50,  
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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