

Converting Colors

XYZ(56.4890, 28.4577, 97.1077)

Have a look what the booklet for
XYZ(56.4890, 28.4577, 97.1077)
contains.

XYZ(56.6832, 28.5865, 97.1379)	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(56.6832, 28.5865,
97.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	F52EFF
RGB	245, 46, 255
RGB Percent	96%, 18%, 100%
CMY	0.0392, 0.8196, 0.0000
CMYK	0.04, 0.82, 0.00, 0.00
HSL	297°, 100%, 59%
HSV	297°, 82%, 100%
XYZ	56.6832, 28.5865, 97.1379
YIQ	129.3270, 51.5150, 107.1870

Conversions

Conversions Part 2

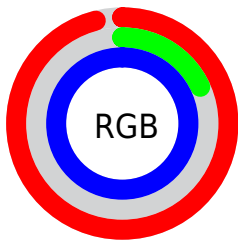
Format	Color
R _Y B	245, 46, 255
Decimal	16068351
CIE _{Lab}	60.41, 91.49, -60.78
CIE _{LCh}	60, 109.841, 326.401
Y _{xy}	28.5865, 0.3108, 0.1567
Android (android.graphics.Color)	4294258431 (0xFFFF52EFF)
YUV	129.3270, 61.9568, 101.4452
Hunter-Lab	53.4663, 95.6735, -70.2919

Details

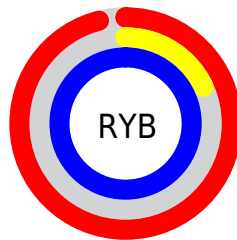
The XYZ color **56.6832, 28.5865, 97.1379** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **37.8848, 72.5584, 14.5945**, and the grayscale version is **20.7603, 21.8415, 23.7853**.

A 20% lighter version of the original color is **65.7684, 41.4369, 99.1395**, and **29.8452, 14.2216, 53.9953** is the 20% darker color. If you saturate the color by 10%, you get **55.5419, 26.9327, 96.8789**, and if you desaturate by 10%, it is **58.4198, 31.4249, 97.5943**.

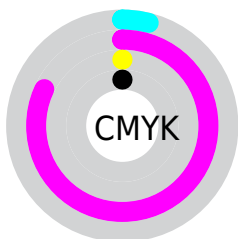
Distribution



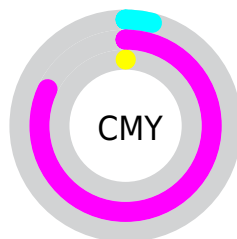
- Red (96%)
- Green (18%)
- Blue (100%)



- Red (96%)
- Yellow (18%)
- Blue (100%)



- Cyan (4%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6832, 28.5865, 97.1379 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 56.6832, 28.5865, 97.1379 by changing the saturation by 10% instead.


 56.6832, 28.5865,
97.1379


 56.6832, 28.5865,
97.1379

402.2946,
295.2589, 572.1451

 40.9901, 18.7682,
73.3089


 99.1368, 57.4195,
159.2358

 28.4990, 11.5029,
53.7353


 126.6280, 77.2030,
198.3418


 18.8445, 6.4062,
37.9983


 158.7827,
101.0770, 243.3773

 11.6613, 3.0936,
25.6796

 195.9661,
129.4259, 294.7607

 6.5841, 1.1808,
16.3605

 238.5436,
162.6342, 352.9107

 3.2474, 0.0459,
9.6225

286.8806,

 1.2859, 0.0000,

201.0862, 418.2457

5.0471

341.3425,
245.1663, 491.1843

■ 0.1726, 0.0000,
2.2157

■ 0.0000, 0.0000,
0.6834

■ 56.6832, 28.5865,
97.1379

■ 56.6832, 28.5865,
97.1379

■ 55.5419, 26.9327,
96.8789

■ 58.4198, 31.4249,
97.5943

■ 54.9434, 26.2392,
96.7766

■ 60.8396, 35.6262,
98.2777

■ 64.0190, 41.3428,
99.2135

■ 68.0238, 48.7058,
100.4237

72.9123, 57.8321,
101.9276

78.7377, 68.8280,
103.7430

85.5490, 81.7915,
105.8862

93.3917, 96.8136,
108.3724

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.



41.1382, 28.5865, 165.8886



56.6832, 28.5865, 97.1379



64.3307, 28.5865, 36.2732

Triad

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



56.6832, 28.5865, 97.1379



28.9130, 28.5865, 0.0000



9.3715, 28.5865, 80.1592

Complementary

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



56.6832, 28.5865, 97.1379



37.8848, 72.5584, 14.5945

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.



8.0690, 28.5865, 26.4901



56.6832, 28.5865, 97.1379



16.7875, 28.5865, 0.4040

Square

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



56.6832, 28.5865, 97.1379



45.1597, 28.5865, 0.8861



10.2360, 28.5865, 4.8644



14.7334, 28.5865, 151.4197

Rectangle

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



56.6832, 28.5865, 97.1379



62.4791, 28.5865, 13.9130



10.2360, 28.5865, 4.8644



8.5466, 28.5865, 58.6874

Sweetspot

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



56.6843, 28.5878, 97.1381



76.8622, 65.2769, 103.1564



20.6139, 10.6744, 95.5816



16.0123, 13.1424, 21.9427



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.



56.6843, 28.5878, 97.1381



55.0829, 26.3933, 96.7990



48.6466, 25.7866, 36.1110



18.7017, 18.2535, 22.7875



28.7467, 13.7299, 50.5696



2.8244, 1.3499, 4.9250

Inverse Universe

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



42.9315, 23.5006, 6.0160



41.3970, 21.4114, 2.4835



41.6251, 73.9963, 36.9217



18.0446, 18.0011, 18.8520



21.5989, 11.1289, 1.2724



2.1148, 1.0883, 0.1862

Previews

White Background



This preview shows how the XYZ color 56.6832, 28.5865, 97.1379 looks on a white background.

Color Contrast Check

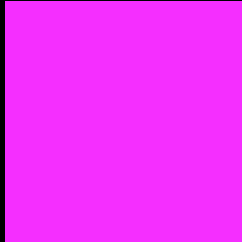
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.6832, 28.5865, 97.1379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

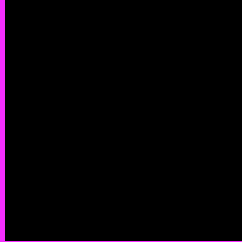
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 56.6832, 28.5865, 97.1379

Background



This preview shows how black text looks on a background with the XYZ color 56.6832, 28.5865, 97.1379.



This preview shows how white text looks on a background with the XYZ color 56.6832, 28.5865,

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

56.6832, 28.5865, 97.1379

Protanopia

32.1366, 28.8413, 98.4809

Deuteranopia

29.9671, 29.1031, 87.2571



Tritanopia

40.6081, 28.3883, 19.2588

Trichromacy



Original Color

56.6832, 28.5865, 97.1379



Protanomaly

35.5204, 24.0313, 97.3741



Deuteranomaly

33.5382, 23.6453, 89.9851



Tritanomaly

44.3010, 26.8758, 38.4499

Monochromacy



Original Color

56.6832, 28.5865, 97.1379



Achromatopsia

20.8660, 21.9526, 23.9064



Achromatomaly

28.9943, 20.6768, 43.0203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6832, 28.5865, 97.1379 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(245, 46, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 46, 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(245, 46, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 46, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.6832, 28.5865, 97.1379 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(245, 46, 255) }
```


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

```
.border{ border-color:rgb(245, 46, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 46, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 46, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 46, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 46,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6832, 28.5865, 97.1379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 46, 255) }
```

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

```
.background{ background-color: rgb(245, 46,  
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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