

Converting Colors

XYZ(56.1044, 37.6121, 96.3076)

Have a look what the booklet for
XYZ(56.1044, 37.6121, 96.3076)
contains.

XYZ(56.1424, 37.6123, 96.3963)	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(56.1424, 37.6123,
96.3963)**

Conversions

Conversions Part 1

Format	Color
Hex	E27CFC
RGB	226, 124, 252
RGB Percent	89%, 49%, 99%
CMY	0.1137, 0.5137, 0.0118
CMYK	0.10, 0.51, 0.00, 0.01
HSL	288°, 96%, 74%
HSV	288°, 51%, 99%
XYZ	56.1424, 37.6123, 96.3963
YIQ	169.0900, 19.7040, 61.4320

Conversions

Conversions Part 2

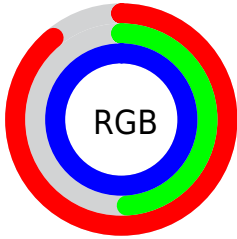
Format	Color
R _Y B	226, 124, 252
Decimal	14843132
CIE Lab	67.73, 58.60, -47.67
CIE LCh	68, 75.542, 320.870
Yxy	37.6123, 0.2953, 0.1978
Android (android.graphics.Color)	4293033212 (0xFFE27CFC)
YUV	169.0900, 40.8746, 49.9101
Hunter-Lab	61.3289, 56.0791, -50.2614

Details

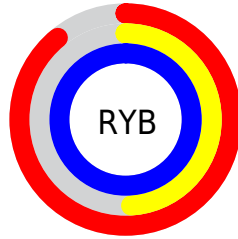
The XYZ color **56.1424, 37.6123, 96.3963** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **51.0272, 77.5609, 31.3516**, and the grayscale version is **37.5552, 39.5110, 43.0275**.

A 20% lighter version of the original color is **75.6113, 61.1225, 102.4204**, and **28.1889, 16.6453, 53.3569** is the 20% darker color. If you saturate the color by 10%, you get **51.7975, 31.2689, 95.4015**, and if you desaturate by 10%, it is **61.3447, 45.5971, 97.6639**.

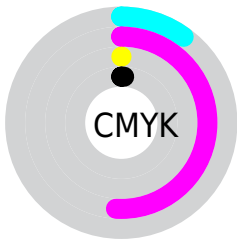
Distribution



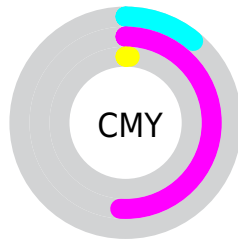
- Red (89%)
- Green (49%)
- Blue (99%)



- Red (89%)
- Yellow (49%)
- Blue (99%)



- Cyan (10%)
- Magenta (51%)
- Yellow (0%)
- Black (1%)




- Cyan (11%)
- Magenta (51%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1424, 37.6123, 96.3963 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 56.1424, 37.6123, 96.3963 by changing the saturation by 10% instead.


 56.1424, 37.6123,
96.3963


 56.1424, 37.6123,
96.3963

400.2943,
335.9539, 569.7236

 40.5546, 25.6819,
72.6944

 98.3514, 71.5135,
158.2044

 28.1573, 16.5858,
53.2358

 125.7032, 94.2531,
197.1476

 18.5853, 9.9396,
37.6020


 157.7070,
121.3646, 242.0083

 11.4733, 5.3590,
25.3745

194.7283,
153.2324, 293.2051

 6.4557, 2.4594,
16.1347

237.1323,
190.2408, 351.1565

 3.1674, 0.8562,
9.4642

285.2843,

 1.2429, 0.0000,

232.7742, 416.2810

4.9442

339.5499,
281.2171, 488.9972

■ 0.1398, 0.0000,
2.1564

■ 0.0000, 0.0000,
0.6490

■ 56.1424, 37.6123,
96.3963

■ 56.1424, 37.6123,
96.3963

■ 51.7975, 31.2689,
95.4015

■ 61.3447, 45.5971,
97.6639

■ 48.2428, 26.4364,
94.6561

■ 67.4568, 55.3309,
99.2206

■ 45.4072, 22.9722,
94.1369

■ 74.5317, 66.9179,
101.0842

■ 43.2040, 20.7036,
93.8151

■ 82.6167, 80.4524,
103.2705

■ 41.6084, 19.4202,
93.6515

■ 91.7564, 96.0225,
105.7941

■ 94.5708, 99.8083,
106.3765

Harmonies

Analogous

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



44.3574, 37.6123, 135.1800



56.1424, 37.6123, 96.3963



62.8080, 37.6123, 52.0246

Triad

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



56.1424, 37.6123, 96.3963



39.4308, 37.6123, 4.6252



18.6093, 37.6123, 68.3905

Complementary

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



56.1424, 37.6123, 96.3963



51.0272, 77.5609, 31.3516

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.



17.8508, 37.6123, 31.5761



56.1424, 37.6123, 96.3963



28.3339, 37.6123, 5.4668

Square

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



56.1424, 37.6123, 96.3963



51.8691, 37.6123, 8.5875



21.0107, 37.6123, 12.3051



23.3720, 37.6123, 113.8033

Rectangle

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



56.1424, 37.6123, 96.3963



62.6358, 37.6123, 29.9869



21.0107, 37.6123, 12.3051



17.9255, 37.6123, 54.3126

Sweetspot

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



56.1438, 37.6139, 96.3971



81.2377, 76.5331, 105.0984



37.0692, 33.6850, 96.6441



17.0146, 15.7561, 22.3944



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.



56.1438, 37.6139, 96.3971



53.1110, 31.9816, 97.9815



59.7138, 40.0562, 69.3707



17.6275, 17.3361, 21.8024



21.7989, 10.1805, 48.7896



2.1032, 0.9863, 4.5227

Inverse Universe

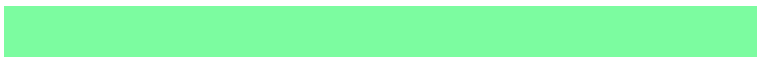
The Inverse Universe completely reimagines the original color for something new.



52.8586, 37.3141, 33.2718



49.8444, 31.9091, 25.0207



49.4923, 76.4542, 45.5304



17.3888, 17.2829, 18.6370



21.2671, 10.9226, 2.8490



2.0058, 1.0261, 0.4541

Previews

White Background



This preview shows how the XYZ color 56.1424, 37.6123, 96.3963 looks on a white background.

Color Contrast Check

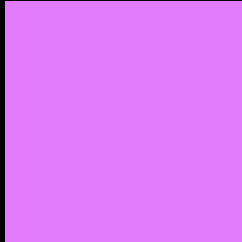
Large Text (above 18pt) WCAG AA × Fail

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 56.1424, 37.6123, 96.3963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

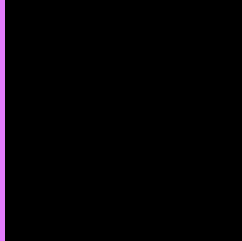
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1424, 37.6123, 96.3963

Background



This preview shows how black text looks on a background with the XYZ color 56.1424, 37.6123, 96.3963.



This preview shows how white text looks on a background with the XYZ color 56.1424, 37.6123,

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

56.1424, 37.6123, 96.3963

Protanopia

40.3304, 37.8860, 99.7948

Deuteranopia

38.9647, 37.9079, 90.8512



Tritanopia

44.0458, 37.4822, 37.2611

Trichromacy



Original Color

56.1424, 37.6123, 96.3963



Protanomaly

44.2052, 36.4426, 98.4702



Deuteranomaly

43.2618, 36.3173, 92.7255

Tritanomaly

47.6605, 37.1764, 54.5330

Monochromacy



Original Color

56.1424, 37.6123, 96.3963



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.9352, 37.8531, 59.0763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1424, 37.6123, 96.3963 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(226, 124, 252)` looks like.

```
.text, #text, p{  
    color:rgb(226, 124, 252)  
}
```

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(226, 124, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 124, 252) }
```

Border

The CSS property to change the border of an element to XYZ 56.1424, 37.6123, 96.3963 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(226, 124, 252) }
```


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

```
.border{ border-color:rgb(226, 124, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 124, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 124, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 124, 252);  
box-shadow:4px 4px 4px 4px rgb(226, 124,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1424, 37.6123, 96.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 124, 252) }
```

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

```
.background{ background-color: rgb(226,  
124, 252) }
```

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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