

Converting Colors

XYZ(53.7608, 36.1845, 83.0454)

Have a look what the booklet for
XYZ(53.7608, 36.1845, 83.0454)
contains.

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Color

**XYZ(53.5113, 36.0038,
82.7263)**

Conversions

Conversions Part 1

Format	Color
Hex	E379EB
RGB	227, 121, 235
RGB Percent	89%, 47%, 92%
CMY	0.1098, 0.5255, 0.0784
CMYK	0.03, 0.49, 0.00, 0.08
HSL	296°, 74%, 70%
HSV	296°, 49%, 92%
XYZ	53.5113, 36.0038, 82.7263
YIQ	165.6900, 26.5820, 57.9260

Conversions

Conversions Part 2

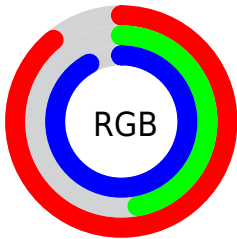
Format	Color
R _Y B	227, 121, 235
Decimal	14907883
CIE Lab	66.52, 57.16, -40.22
CIE LCh	67, 69.891, 324.871
Yxy	36.0038, 0.3107, 0.2090
Android (android.graphics.Color)	4293097963 (0xFFE379EB)
YUV	165.6900, 34.1698, 53.7689
Hunter-Lab	60.0032, 54.1822, -39.7408

Details

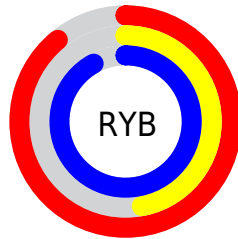
The XYZ color **53.5113, 36.0038, 82.7263** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **42.2140, 65.4651, 28.5020**, and the grayscale version is **35.9287, 37.7998, 41.1640**.

A 20% lighter version of the original color is **75.0121, 59.9243, 102.2207**, and **26.4471, 15.5861, 44.2623** is the 20% darker color. If you saturate the color by 10%, you get **50.4784, 30.7055, 81.8640**, and if you desaturate by 10%, it is **57.2472, 42.6987, 83.8222**.

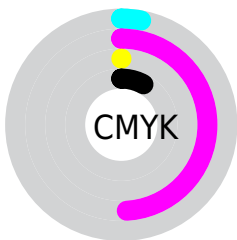
Distribution



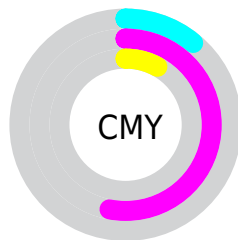
- Red (89%)
- Green (47%)
- Blue (92%)



- Red (89%)
- Yellow (47%)
- Blue (92%)



- Cyan (3%)
- Magenta (49%)
- Yellow (0%)
- Black (8%)





- Cyan (11%)
- Magenta (53%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5113, 36.0038, 82.7263 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 53.5113, 36.0038, 82.7263 by changing the saturation by 10% instead.

 53.5113, 36.0038,
82.7263


 53.5113, 36.0038,
82.7263


390.4725,
328.9772, 524.0210


 38.4402, 24.4371,
61.4251

 94.5174, 69.0379,
139.0379

 26.5033, 15.6582,
44.1355


 121.1832, 91.2742,
174.8853

 17.3352, 9.2826,
30.4391


 152.4445,
117.8357, 216.4185

 10.5705, 4.9260,
19.9172

188.6668,
149.1070, 264.0561

 5.8440, 2.2039,
12.1514

230.2154,
185.4724, 318.2167

 2.7902, 0.7221,
6.7231

277.4556,

 1.0438, 0.0000,

227.3163, 379.3186

3.2137

330.7529,
275.0231, 447.7805

■ 0.0000, 0.0000,
1.2048

■ 0.0000, 0.0000,
0.0000

■ 53.5113, 36.0038,
82.7263

■ 53.5113, 36.0038,
82.7263

■ 50.4784, 30.7055,
81.8640

■ 57.2472, 42.6987,
83.8222

■ 48.0933, 26.6964,
81.2159

■ 61.7285, 50.8781,
85.1648

■ 46.2987, 23.8611,
80.7632

■ 66.9988, 60.6279,
86.7689

■ 45.0257, 22.0613,
80.4829

■ 73.0971, 72.0263,
88.6476

44.1738, 21.0966,
80.3416

80.0599, 85.1463,
90.8130

44.0619, 20.9825,
80.3255

85.6457, 95.5048,
92.5180

86.1985, 95.7897,
92.5439

86.7564, 96.0774,
92.5700

87.3194, 96.3676,
92.5963

Harmonies

Analogous

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



43.4246, 36.0038, 118.4435



53.5113, 36.0038, 82.7263



58.4999, 36.0038, 44.5971

Triad

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



53.5113, 36.0038, 82.7263



36.0559, 36.0038, 5.2231



18.9881, 36.0038, 68.8638

Complementary

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



53.5113, 36.0038, 82.7263



42.2140, 65.4651, 28.5020

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.



17.8049, 36.0038, 34.2606



53.5113, 36.0038, 82.7263



26.4186, 36.0038, 6.6777

Square

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



53.5113, 36.0038, 82.7263



47.1897, 36.0038, 8.3939



20.2321, 36.0038, 14.4705



23.8761, 36.0038, 107.9736

Rectangle

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



53.5113, 36.0038, 82.7263



57.6536, 36.0038, 26.1665



20.2321, 36.0038, 14.4705



18.1924, 36.0038, 55.9757

Sweetspot

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



53.5126, 36.0054, 82.7271



83.0579, 77.4714, 105.1836



30.9314, 26.1634, 82.0175



17.4572, 15.9843, 22.4151



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.



53.5126, 36.0054, 82.7271



60.8425, 37.1008, 98.5622



50.1227, 34.9477, 51.4001



15.6044, 15.2569, 19.0447



24.5678, 11.7011, 44.7066



1.9605, 0.9350, 3.5120

Inverse Universe

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



45.0619, 32.9234, 24.7502



49.7472, 33.0919, 20.7428



44.7093, 66.3283, 47.7384



15.1083, 15.0712, 15.8558



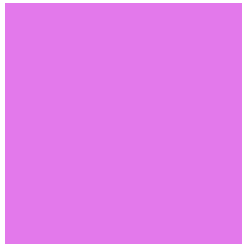
19.1385, 9.8581, 1.2649



1.5179, 0.7801, 0.1785

Previews

White Background



This preview shows how the XYZ color 53.5113, 36.0038, 82.7263 looks on a white background.

Color Contrast Check

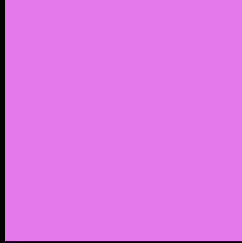
Large Text (above 18pt) WCAG AA × Fail

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 53.5113, 36.0038, 82.7263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

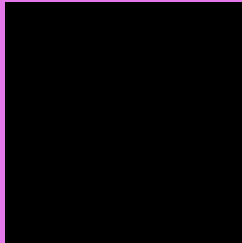
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5113, 36.0038, 82.7263

Background



This preview shows how black text looks on a background with the XYZ color 53.5113, 36.0038, 82.7263.



This preview shows how white text looks on a background with the XYZ color 53.5113, 36.0038,

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

53.5113, 36.0038, 82.7263

Protanopia

39.0523, 36.4519, 99.5854

Deuteranopia

37.2219, 36.2320, 78.4305



Tritanopia

43.4297, 35.8830, 33.9153

Trichromacy



Original Color

53.5113, 36.0038, 82.7263



Protanomaly

42.1729, 34.8146, 93.3041



Deuteranomaly

41.4973, 34.9852, 80.1670



Tritanomaly

46.4838, 35.6432, 48.6858

Monochromacy



Original Color

53.5113, 36.0038, 82.7263



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

41.0494, 36.2656, 54.1266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5113, 36.0038, 82.7263 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(227, 121, 235)` looks like.

```
.text, #text, p{  
    color:rgb(227, 121, 235)  
}
```

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(227, 121, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 121, 235) }
```

Border

The CSS property to change the border of an element to XYZ 53.5113, 36.0038, 82.7263 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(227, 121, 235) }
```


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

```
.border{ border-color:rgb(227, 121, 235) }
```

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

Here you see how a box with a 4 pixel rgb(227, 121, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 121, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 121, 235);  
box-shadow:4px 4px 4px 4px rgb(227, 121,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5113, 36.0038, 82.7263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 121, 235) }
```

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

```
.background{ background-color: rgb(227,  
121, 235) }
```

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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