

Converting Colors

XYZ(52.2154, 36.1291, 76.2790)

Have a look what the booklet for
XYZ(52.2154, 36.1291, 76.2790)
contains.

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Color

**XYZ(52.1124, 36.1658,
76.1856)**

Conversions

Conversions Part 1

Format	Color
Hex	E17DE2
RGB	225, 125, 226
RGB Percent	88%, 49%, 89%
CMY	0.1176, 0.5098, 0.1137
CMYK	0.00, 0.45, 0.00, 0.11
HSL	299°, 64%, 69%
HSV	299°, 45%, 89%
XYZ	52.1124, 36.1658, 76.1856
YIQ	166.4140, 27.1790, 52.6110

Conversions

Conversions Part 2

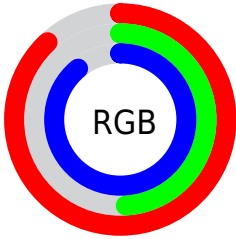
Format	Color
RYB	225, 125, 226
Decimal	14777826
CIELab	66.65, 53.00, -35.06
CIElCh	67, 63.547, 326.513
Yxy	36.1658, 0.3169, 0.2199
Android (android.graphics.Color)	4292967906 (0xFFE17DE2)
YUV	166.4140, 29.3759, 51.3799
Hunter-Lab	60.1380, 49.4371, -33.0147

Details

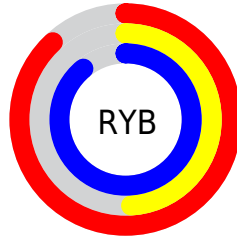
The XYZ color **52.1124, 36.1658, 76.1856** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **39.5035, 60.3099, 28.9628**, and the grayscale version is **36.3000, 38.1904, 41.5894**.

A 20% lighter version of the original color is **75.6113, 61.1225, 102.4204**, and **25.6574, 15.7336, 39.7148** is the 20% darker color. If you saturate the color by 10%, you get **49.5010, 31.0455, 75.3354**, and if you desaturate by 10%, it is **55.3772, 42.5910, 77.2542**.

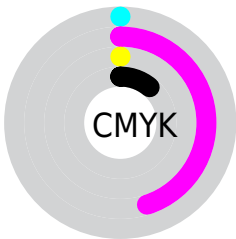
Distribution



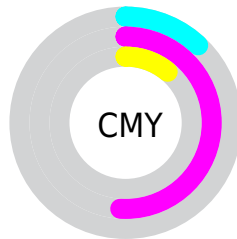
- Red (88%)
- Green (49%)
- Blue (89%)



- Red (88%)
- Yellow (49%)
- Blue (89%)



- Cyan (0%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)



- Cyan (12%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1124, 36.1658, 76.1856 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 52.1124, 36.1658, 76.1856 by changing the saturation by 10% instead.

52.1124, 36.1658,
76.1856

52.1124, 36.1658,
76.1856

385.1872,
329.6846, 501.3465

37.3193, 24.5623,
56.0771

92.4702, 69.2879,
129.7517

25.6296, 15.7512,
39.8604

118.7657, 91.5753,
164.0465

16.6780, 9.3483,
27.1167

149.6260,
118.1927, 203.9070

10.0990, 4.9691,
17.4277

185.4164,
149.5246, 249.7520

5.5274, 2.2291,
10.3747

226.5024,
185.9553, 301.9999

2.5978, 0.7358,
5.5393

273.2493,

0.9449, 0.0000,

227.8693, 361.0693

2.5028

326.0225,
275.6510, 427.3786

■ 0.0000, 0.0000,
0.8416

■ 0.0000, 0.0000,
0.0000

■ 52.1124, 36.1658,
76.1856

■ 52.1124, 36.1658,
76.1856

■ 49.5010, 31.0455,
75.3354

■ 55.3772, 42.5910,
77.2542

■ 47.4945, 27.1358,
74.6865


■ 59.3323, 50.3974,
78.5526


■ 46.0438, 24.3378,
74.2229


■ 64.0160, 59.6609,
80.0937


■ 45.0906, 22.5343,
73.9251


■ 69.4629, 70.4507,
81.8893


 44.5634, 21.5827,
73.7692


 75.7053, 82.8316,
83.9500

 44.3950, 21.3007,
73.7236

 80.9593, 93.2353,
85.6812

 81.0297, 93.2716,
85.6845

 81.1001, 93.3079,
85.6878

 81.1706, 93.3442,
85.6911

Harmonies

Analogous

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



43.2576, 36.1658, 107.8370



52.1124, 36.1658, 76.1856



56.1995, 36.1658, 42.6704

Triad

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



52.1124, 36.1658, 76.1856



35.5055, 36.1658, 6.7270



20.4013, 36.1658, 67.8891

Complementary

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



52.1124, 36.1658, 76.1856



39.5035, 60.3099, 28.9628

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.



19.0882, 36.1658, 36.2602



52.1124, 36.1658, 76.1856



26.7992, 36.1658, 8.5457

Square

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



52.1124, 36.1658, 76.1856



45.5560, 36.1658, 9.7559



21.2017, 36.1658, 16.8761



25.1910, 36.1658, 101.6858

Rectangle

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



52.1124, 36.1658, 76.1856



55.1998, 36.1658, 26.2219



21.2017, 36.1658, 16.8761



19.5820, 36.1658, 56.3312

Sweetspot

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



52.1136, 36.1674, 76.1864



85.2509, 80.5807, 105.6682



29.7350, 24.9499, 75.2006



17.9284, 16.6166, 22.5123



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.



52.1136, 36.1674, 76.1864



65.1868, 41.0151, 99.0887



46.6530, 34.0192, 45.7999



14.2809, 13.9284, 17.3234



25.3337, 12.1553, 42.0593



1.7604, 0.8448, 2.9155

Inverse Universe

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



42.4648, 32.3440, 23.7452



50.9458, 35.3764, 21.4899



43.2772, 61.8025, 49.6005



13.7127, 13.7027, 14.2575



17.9027, 9.2281, 0.8876



1.2429, 0.6404, 0.0719

Previews

White Background



This preview shows how the XYZ color 52.1124, 36.1658, 76.1856 looks on a white background.

Color Contrast Check

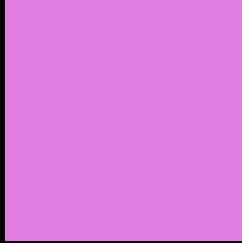
Large Text (above 18pt) WCAG AA × Fail

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 52.1124, 36.1658, 76.1856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

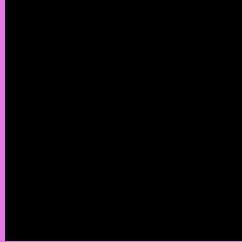
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1124, 36.1658, 76.1856

Background



This preview shows how black text looks on a background with the XYZ color 52.1124, 36.1658, 76.1856.



This preview shows how white text looks on a background with the XYZ color 52.1124, 36.1658,

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

52.1124, 36.1658, 76.1856

Protanopia

39.0399, 36.4641, 98.7466

Deuteranopia

37.3431, 36.4199, 72.7717



Tritanopia

43.6594, 36.2119, 34.3943

Trichromacy



Original Color

52.1124, 36.1658, 76.1856



Protanomaly

41.8671, 35.1856, 90.1728



Deuteranomaly

41.2977, 35.2553, 73.7356



Tritanomaly

46.1543, 35.9231, 47.1491

Monochromacy



Original Color

52.1124, 36.1658, 76.1856



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

40.6372, 36.3289, 52.4473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1124, 36.1658, 76.1856 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(225, 125, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 125, 226)  
}
```

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(225, 125, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 125, 226) }
```

Border

The CSS property to change the border of an element to XYZ 52.1124, 36.1658, 76.1856 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(225, 125, 226) }
```


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

```
.border{ border-color:rgb(225, 125, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 125, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 125, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 125, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 125,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1124, 36.1658, 76.1856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 125, 226) }
```

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

```
.background{ background-color: rgb(225,  
125, 226) }
```

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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