

Converting Colors

XYZ(36.6548, 24.6989, 32.3338)

Have a look what the booklet for
XYZ(36.6548, 24.6989, 32.3338)
contains.

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Color

**XYZ(36.6135, 24.7040,
32.5444)**

Conversions

Conversions Part 1

Format	Color
Hex	D26298
RGB	210, 98, 152
RGB Percent	82%, 38%, 60%
CMY	0.1765, 0.6157, 0.4039
CMYK	0.00, 0.53, 0.28, 0.18
HSL	331°, 55%, 60%
HSV	331°, 53%, 82%
XYZ	36.6135, 24.7040, 32.5444
YIQ	137.6440, 49.4180, 40.5380

Conversions

Conversions Part 2

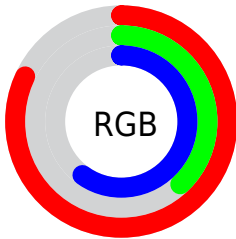
Format	Color
R_{YB}	210, 98, 152
Decimal	13787800
CIE Lab	56.79, 50.07, -8.23
CIE LCh	57, 50.746, 350.668
Yxy	24.7040, 0.3901, 0.2632
Android (android.graphics.Color)	4291977880 (0xFFD26298)
YUV	137.6440, 7.0775, 63.4562
Hunter-Lab	49.7031, 44.5105, -4.0295

Details

The XYZ color **36.6135, 24.7040, 32.5444** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.0856, 51.0908, 39.5201**, and the grayscale version is **23.9836, 25.2326, 27.4783**.

A 20% lighter version of the original color is **63.6088, 48.1727, 64.3382**, and **16.1985, 9.4163, 13.2757** is the 20% darker color. If you saturate the color by 10%, you get **34.0497, 20.9371, 27.4948**, and if you desaturate by 10%, it is **39.7757, 29.5367, 38.1970**.

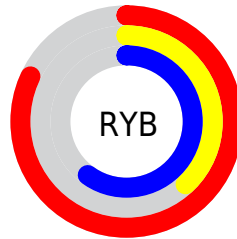
Distribution



Red (82%)

Green (38%)

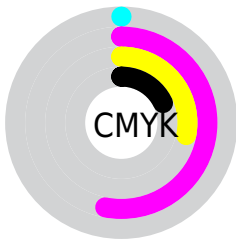
Blue (60%)



Red (82%)

Yellow (38%)

Blue (60%)

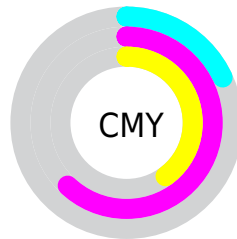


Cyan (0%)

Magenta (53%)

Yellow (28%)

Black (18%)



Cyan (18%)


Magenta (62%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6135, 24.7040, 32.5444 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 36.6135, 24.7040, 32.5444 by changing the saturation by 10% instead.


 36.6135, 24.7040,
32.5444


 36.6135, 24.7040,
32.5444


323.0188,
276.3606, 328.1606


 25.0807, 15.8567,
21.5094


 69.2956, 51.1766,
64.7714


 16.2662, 9.4228,
13.3020


 91.1757, 69.5707,
86.8004

 9.8048, 5.0180,
7.5037


 117.2355, 91.9158,
113.3312

 5.3310, 2.2578,
3.6959

 147.8405,
118.5963, 144.7823

 2.4795, 0.7512,
1.4600

183.3559,
149.9967, 181.5723

 0.8849, 0.0000,
0.1879

224.1472,

 0.0000, 0.0000,

186.5012, 224.1196

0.0000

270.5797,
228.4944, 272.8429

■ 36.6135, 24.7040,
32.5444

■ 36.6135, 24.7040,
32.5444

■ 34.0497, 20.9371,
27.4948

■ 39.7757, 29.5367,
38.1970

■ 32.0389, 18.1490,
23.0215

■ 43.5732, 35.5060,
44.4744

■ 30.5319, 16.2450,
19.0972

■ 48.0420, 42.6807,
51.3990

■ 29.4689, 15.1093,
15.6901

■ 53.2149, 51.1231,
58.9913

■ 28.9394, 14.6461,
13.6767

■ 59.1224, 60.8912,
67.2708

■ 65.7932, 72.0394,
76.2561

■ 73.2543, 84.6190,
85.9651

■ 77.9191, 91.4539,
95.2106

■ 79.5749, 92.1163,
103.9303

Harmonies

Analogous

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



33.4420, 24.7040, 53.3343



36.6135, 24.7040, 32.5444



35.8358, 24.7040, 16.9468

Triad

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



36.6135, 24.7040, 32.5444



19.6841, 24.7040, 6.4619



16.9738, 24.7040, 60.8558

Complementary

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



36.6135, 24.7040, 32.5444



34.0856, 51.0908, 39.5201

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.



14.3518, 24.7040, 40.1377



36.6135, 24.7040, 32.5444



15.7240, 24.7040, 11.0642

Square

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



36.6135, 24.7040, 32.5444



25.3769, 24.7040, 5.8385



13.9363, 24.7040, 21.9465



21.6808, 24.7040, 73.6552

Rectangle

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



36.6135, 24.7040, 32.5444



33.2263, 24.7040, 10.7450



13.9363, 24.7040, 21.9465



15.8551, 24.7040, 54.2594

Sweetspot

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



36.6142, 24.7052, 32.5449



80.1699, 75.3875, 88.0702



29.6863, 20.4446, 63.3544



16.7966, 15.5426, 18.3206



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.



36.6142, 24.7052, 32.5449



52.3512, 31.8002, 41.6485



33.3283, 23.6736, 14.3697



12.0428, 11.9018, 13.5009



17.7029, 8.9540, 8.6075



1.0298, 0.5167, 0.6920

Inverse Universe

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



36.6142, 24.7052, 32.5449



52.3512, 31.8002, 41.6485



39.2590, 52.4271, 69.0231



12.0428, 11.9018, 13.5009



17.7029, 8.9540, 8.6075



1.0298, 0.5167, 0.6920

Previews

White Background



This preview shows how the XYZ color 36.6135, 24.7040, 32.5444 looks on a white background.

Color Contrast Check

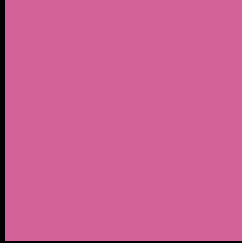
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6135, 24.7040, 32.5444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

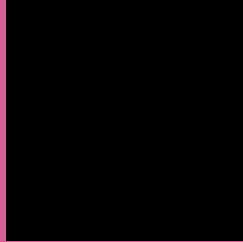
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.6135, 24.7040, 32.5444

Background



This preview shows how black text looks on a background with the XYZ color 36.6135, 24.7040, 32.5444.



This preview shows how white text looks on a background with the XYZ color 36.6135, 24.7040,

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

36.6135, 24.7040, 32.5444

Protanopia

25.2040, 24.9379, 45.0801

Deuteranopia

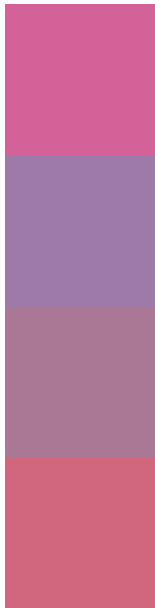
25.4299, 24.9614, 30.6719



Tritanopia

33.8668, 24.7657, 18.6181

Trichromacy



Original Color

36.6135, 24.7040, 32.5444

Protanomaly

27.9320, 23.9143, 40.1895

Deuteranomaly

28.4240, 24.0061, 31.1525

Tritanomaly

34.6934, 24.6427, 23.0066

Monochromacy



Original Color

36.6135, 24.7040, 32.5444

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

27.3507, 24.0416, 29.1856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6135, 24.7040, 32.5444 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(210, 98, 152)` looks like.

```
.text, #text, p{  
    color:rgb(210, 98, 152)  
}
```

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(210, 98, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 98, 152) }
```

Border

The CSS property to change the border of an element to XYZ 36.6135, 24.7040, 32.5444 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(210, 98, 152) }
```


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

```
.border{ border-color:rgb(210, 98, 152) }
```

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

Here you see how a box with a 4 pixel rgb(210, 98, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 98, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 98, 152);  
box-shadow:4px 4px 4px 4px rgb(210, 98,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6135, 24.7040, 32.5444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 98, 152) }
```

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

```
.background{ background-color: rgb(210, 98,  
152) }
```

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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