

Converting Colors

XYZ(35.8309, 24.6607, 16.2361)

Have a look what the booklet for
XYZ(35.8309, 24.6607, 16.2361)
contains.

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Color

**XYZ(35.8309, 24.6607,
16.2361)**

Conversions

Conversions Part 1

Format	Color
Hex	DA6269
RGB	218, 98, 105
RGB Percent	85%, 38%, 41%
CMY	0.1451, 0.6157, 0.5882
CMYK	0.00, 0.55, 0.52, 0.15
HSL	357°, 62%, 62%
HSV	357°, 55%, 85%
XYZ	35.8309, 24.6607, 16.2361
YIQ	134.6780, 69.2730, 27.6170

Conversions

Conversions Part 2

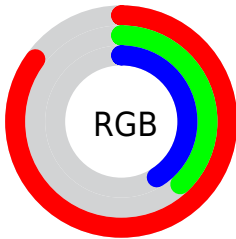
Format	Color
R_{YB}	218, 98, 105
Decimal	14312041
CIE _{Lab}	56.74, 47.65, 19.36
CIE _{LCh}	57, 51.431, 22.116
Yxy	24.6607, 0.4670, 0.3214
Android (android.graphics.Color)	4292502121 (0xFFDA6269)
YUV	134.6780, -14.6313, 73.0734
Hunter-Lab	49.6595, 41.8891, 15.3769

Details

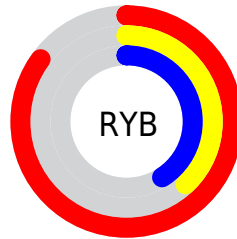
The XYZ color **35.8309, 24.6607, 16.2361** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.8677, 57.4431, 70.5129**, and the grayscale version is **22.9452, 24.1401, 26.2886**.

A 20% lighter version of the original color is **58.4690, 46.1168, 37.2723**, and **15.7650, 9.3760, 4.9818** is the 20% darker color. If you saturate the color by 10%, you get **33.1308, 20.7504, 10.7437**, and if you desaturate by 10%, it is **39.3423, 29.7862, 23.2558**.

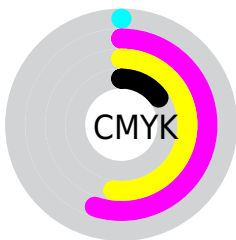
Distribution



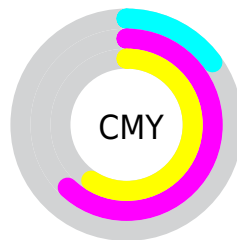
- Red (85%)
- Green (38%)
- Blue (41%)



- Red (85%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (55%)
- Yellow (52%)
- Black (15%)





- Cyan (15%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8309, 24.6607, 16.2361 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 35.8309, 24.6607, 16.2361 by changing the saturation by 10% instead.


 35.8309, 24.6607,
16.2361


 35.8309, 24.6607,
16.2361


319.6650,
276.1440, 242.6240


 24.4731, 15.8244,
9.5352


 68.0966, 51.1062,
37.7801

 15.8116, 9.4000,
4.9903


 89.7352, 69.4843,
53.4603

 9.4809, 5.0030,
2.1830


 115.5314, 91.8118,
72.9706

 5.1158, 2.2490,
0.6645

 145.8507,
118.4731, 96.7297

 2.3508, 0.7465,
0.0000

181.0583,
149.8525, 125.1560

 0.8205, 0.0000,
0.0000

221.5197,

 0.0000, 0.0000,

186.3346, 158.6682

0.0000

267.6001,
228.3036, 197.6846

■ 35.8309, 24.6607,
16.2361

■ 35.8309, 24.6607,
16.2361

■ 33.1308, 20.7504,
10.7437

■ 39.3423, 29.7862,
23.2558

■ 31.1753, 17.9513,
6.6637

■ 43.7209, 36.2118,
31.9037

■ 29.8900, 16.1489,
3.8671

■ 49.0200, 44.0194,
42.2733

■ 29.1843, 15.2017,
2.2005

■ 55.2879, 53.2829,
54.4508

■ 28.9841, 14.9337,
1.7257

■ 62.5697, 64.0712,
68.5167

■ 70.9074, 76.4485,
84.5466

■ 80.3410, 90.4757,
102.6118

■ 82.7233, 93.6454,
108.3231

Harmonies

Analogous

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



36.8214, 24.6607, 31.6421



35.8309, 24.6607, 16.2361



31.2594, 24.6607, 8.3075

Triad

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



35.8309, 24.6607, 16.2361



15.4635, 24.6607, 11.2459



21.8924, 24.6607, 74.6631

Complementary

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



35.8309, 24.6607, 16.2361



41.8677, 57.4431, 70.5129

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.



17.0459, 24.6607, 62.2715



35.8309, 24.6607, 16.2361



13.7699, 24.6607, 22.5703

Square

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



35.8309, 24.6607, 16.2361



19.3595, 24.6607, 6.4024



14.2952, 24.6607, 41.3065



28.0554, 24.6607, 70.5524

Rectangle

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



35.8309, 24.6607, 16.2361



27.1627, 24.6607, 6.0869



14.2952, 24.6607, 41.3065



20.0726, 24.6607, 72.1530

Sweetspot

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



35.8315, 24.6620, 16.2365



76.8562, 73.0362, 73.7833



43.6016, 27.5003, 69.3394



16.0511, 15.0423, 15.0178



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.



35.8315, 24.6620, 16.2365



46.7588, 28.8818, 14.2999



42.0252, 37.6013, 16.5999



13.0867, 13.0638, 13.7176



17.3775, 8.9521, 1.1022



1.1369, 0.5844, 0.1297

Inverse Universe

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



35.8315, 24.6620, 16.2365



46.7588, 28.8818, 14.2999



31.3294, 34.9325, 71.4208



13.0867, 13.0638, 13.7176



17.3775, 8.9521, 1.1022



1.1369, 0.5844, 0.1297

Previews

White Background



This preview shows how the XYZ color 35.8309, 24.6607, 16.2361 looks on a white background.

Color Contrast Check

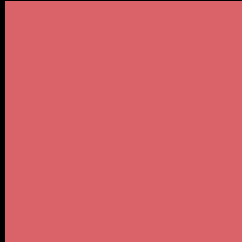
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8309, 24.6607, 16.2361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

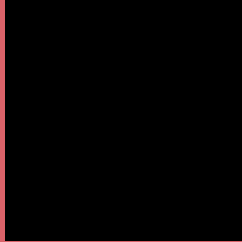
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.8309, 24.6607, 16.2361

Background



This preview shows how black text looks on a background with the XYZ color 35.8309, 24.6607, 16.2361.



This preview shows how white text looks on a background with the XYZ color 35.8309, 24.6607,

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

35.8309, 24.6607, 16.2361

Protanopia

23.5346, 24.7892, 22.2833

Deuteranopia

25.3168, 24.8341, 15.5157



Tritanopia

35.8309, 24.6607, 16.2361

Trichromacy



Original Color

35.8309, 24.6607, 16.2361

Protanomaly

26.6895, 23.7261, 19.6959

Deuteranomaly

28.2865, 24.0980, 15.7309

Tritanomaly

35.8309, 24.6607, 16.2361

Monochromacy



Original Color

35.8309, 24.6607, 16.2361

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.1147, 23.3736, 22.2040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8309, 24.6607, 16.2361 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(218, 98, 105)` looks like.

```
.text, #text, p{  
    color:rgb(218, 98, 105)  
}
```

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(218, 98, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 98, 105) }
```

Border

The CSS property to change the border of an element to XYZ 35.8309, 24.6607, 16.2361 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(218, 98, 105) }
```


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

```
.border{ border-color:rgb(218, 98, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 98, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 98, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 98, 105);  
box-shadow:4px 4px 4px 4px rgb(218, 98,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8309, 24.6607, 16.2361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 98, 105) }
```

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

```
.background{ background-color: rgb(218, 98,  
105) }
```

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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