

Converting Colors

XYZ(35.2005, 23.0839, 18.1900)

Have a look what the booklet for
XYZ(35.2005, 23.0839, 18.1900)
contains.

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Color

**XYZ(35.1683, 23.0887,
18.2258)**

Conversions

Conversions Part 1

Format	Color
Hex	D95971
RGB	217, 89, 113
RGB Percent	85%, 35%, 44%
CMY	0.1490, 0.6510, 0.5569
CMYK	0.00, 0.59, 0.48, 0.15
HSL	349°, 63%, 60%
HSV	349°, 59%, 85%
XYZ	35.1683, 23.0887, 18.2258
YIQ	130.0080, 68.5840, 34.6000

Conversions

Conversions Part 2

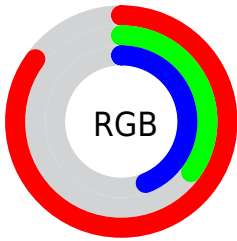
Format	Color
R_{YB}	217, 89, 113
Decimal	14244209
CIE _{Lab}	55.16, 52.22, 12.47
CIE _{LCh}	55, 53.685, 13.434
Yxy	23.0887, 0.4598, 0.3019
Android (android.graphics.Color)	4292434289 (0xFFD95971)
YUV	130.0080, -8.3849, 76.2920
Hunter-Lab	48.0507, 46.5554, 11.1466

Details

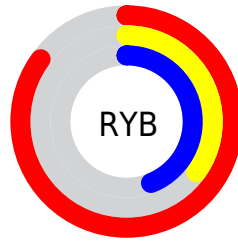
The XYZ color **35.1683, 23.0887, 18.2258** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **38.5597, 55.6004, 59.1555**, and the grayscale version is **21.2335, 22.3393, 24.3275**.

A 20% lighter version of the original color is **58.0048, 43.9231, 41.0181**, and **15.3487, 8.5297, 5.8385** is the 20% darker color. If you saturate the color by 10%, you get **32.7231, 19.6356, 12.9799**, and if you desaturate by 10%, it is **38.3397, 27.6856, 24.6656**.

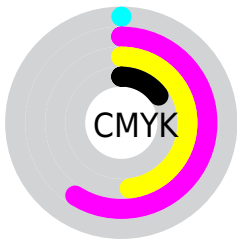
Distribution



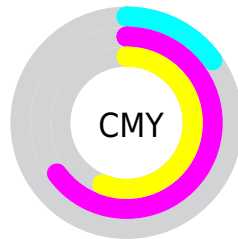
- Red (85%)
- Green (35%)
- Blue (44%)



- Red (85%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (59%)
- Yellow (48%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1683, 23.0887, 18.2258 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 35.1683, 23.0887, 18.2258 by changing the saturation by 10% instead.


 35.1683, 23.0887,
18.2258


 35.1683, 23.0887,
18.2258


316.8056,
268.1802, 254.4194


 23.9597, 14.6590,
10.9411

 67.0787, 48.5389,
41.2408


 15.4283, 8.5804,
5.9136


 88.5112, 66.3283,
57.8082

 9.2088, 4.4685,
2.7247


 114.0824, 88.0063,
78.3070

 4.9358, 1.9390,
0.9558

 144.1575,
113.9574, 103.1556

 2.2440, 0.5716,
0.0000

179.1021,
144.5659, 132.7726

 0.7658, 0.0000,
0.0000

219.2814,

 0.0000, 0.0000,

180.2163, 167.5765

0.0000

265.0608,
221.2930, 207.9860

■ 35.1683, 23.0887,
18.2258

■ 35.1683, 23.0887,
18.2258

■ 32.7231, 19.6356,
12.9799

■ 38.3397, 27.6856,
24.6656

■ 30.9427, 17.2214,
8.8515

■ 42.2881, 33.5114,
32.3666

■ 29.7583, 15.7285,
5.7569

■ 47.0620, 40.6477,
41.3923

■ 29.0656, 14.9702,
3.5927

■ 52.7052, 49.1678,
51.8016

■ 29.0099, 14.9095,
3.4174

■ 59.2585, 59.1396,
63.6497

■ 66.7599, 70.6265,
76.9890

■ 75.2453, 83.6883,
91.8691

■ 82.2739, 93.4311,
107.5121

■ 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



34.9456, 23.0887, 35.7707



35.1683, 23.0887, 18.2258



31.4207, 23.0887, 8.5925

Triad

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



35.1683, 23.0887, 18.2258



14.9382, 23.0887, 7.9841



18.8211, 23.0887, 71.8889

Complementary

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



35.1683, 23.0887, 18.2258



38.5597, 55.6004, 59.1555

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.



14.5963, 23.0887, 55.3370



35.1683, 23.0887, 18.2258



12.6500, 23.0887, 16.8561

Square

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



35.1683, 23.0887, 18.2258



19.3755, 23.0887, 4.7650



12.5375, 23.0887, 33.6123



24.7325, 23.0887, 72.8332

Rectangle

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



35.1683, 23.0887, 18.2258



27.5121, 23.0887, 5.6684



12.5375, 23.0887, 33.6123



17.1849, 23.0887, 67.7129

Sweetspot

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



35.1689, 23.0899, 18.2262



76.6812, 71.9565, 75.9745



37.6843, 23.2842, 68.1536



15.8665, 14.5736, 15.2628



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.



35.1689, 23.0899, 18.2262



46.3863, 27.2312, 16.9679



38.0605, 30.7567, 13.3834



13.1553, 13.0912, 14.0789



17.5898, 9.0370, 2.2200



1.1694, 0.5974, 0.3008

Inverse Universe

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



35.1689, 23.0899, 18.2262



46.3863, 27.2312, 16.9679



32.6854, 39.2149, 71.4921



13.1553, 13.0912, 14.0789



17.5898, 9.0370, 2.2200



1.1694, 0.5974, 0.3008

Previews

White Background



This preview shows how the XYZ color 35.1683, 23.0887, 18.2258 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 35.1683, 23.0887, 18.2258 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 35.1683, 23.0887, 18.2258

Background



This preview shows how black text looks on a background with the XYZ color 35.1683, 23.0887, 18.2258.



This preview shows how white text looks on a background with the XYZ color 35.1683, 23.0887,

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

35.1683, 23.0887, 18.2258

Protanopia

22.5267, 23.3484, 26.6120

Deuteranopia

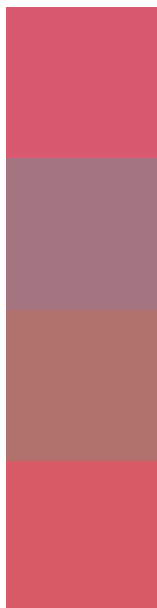
23.5696, 23.1103, 17.1284



Tritanopia

34.3507, 23.1351, 14.2103

Trichromacy



Original Color

35.1683, 23.0887, 18.2258

Protanomaly

25.4515, 21.9418, 23.3158

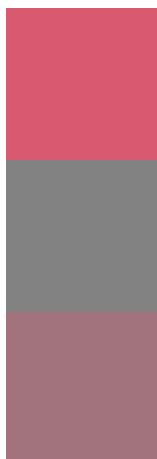
Deuteranomaly

26.7969, 22.2615, 17.3525

Tritanomaly

34.5082, 23.0604, 15.4643

Monochromacy



Original Color

35.1683, 23.0887, 18.2258

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.6691, 21.3981, 21.8988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1683, 23.0887, 18.2258 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(217, 89, 113)` looks like.

```
.text, #text, p{  
  color:rgb(217, 89, 113)  
}
```

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(217, 89, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 89, 113) }
```

Border

The CSS property to change the border of an element to XYZ 35.1683, 23.0887, 18.2258 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(217, 89, 113) }
```


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

```
.border{ border-color:rgb(217, 89, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 89, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 89, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 89, 113);  
box-shadow:4px 4px 4px 4px rgb(217, 89,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1683, 23.0887, 18.2258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 89, 113) }
```

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

```
.background{ background-color: rgb(217, 89,  
113) }
```

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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