

Converting Colors

XYZ(35.6335, 23.2413, 20.0755)

Have a look what the booklet for
XYZ(35.6335, 23.2413, 20.0755)
contains.

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Color

**XYZ(35.5174, 23.2284,
20.0643)**

Conversions

Conversions Part 1

Format	Color
Hex	D95977
RGB	217, 89, 119
RGB Percent	85%, 35%, 47%
CMY	0.1490, 0.6509, 0.5333
CMYK	0.00, 0.59, 0.45, 0.15
HSL	346°, 63%, 60%
HSV	346°, 59%, 85%
XYZ	35.5174, 23.2284, 20.0643
YIQ	130.6920, 66.6580, 36.4660

Conversions

Conversions Part 2

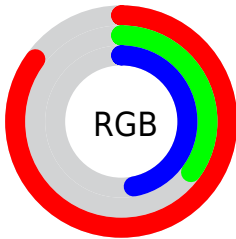
Format	Color
R_{YB}	217, 89, 119
Decimal	14244215
CIE _{Lab}	55.31, 52.78, 9.13
CIE _{LCh}	55, 53.567, 9.815
Y _{xy}	23.2284, 0.4507, 0.2947
Android (android.graphics.Color)	4292434295 (0xFFD95977)
Y _{UV}	130.6920, -5.7642, 75.6921
Hunter-Lab	48.1959, 47.2009, 9.0542

Details

The XYZ color **35.5174, 23.2284, 20.0643** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **37.9037, 55.3379, 55.7011**, and the grayscale version is **21.4678, 22.5858, 24.5959**.

A 20% lighter version of the original color is **58.5639, 44.1468, 43.9626**, and **15.7279, 8.7040, 6.8123** is the 20% darker color. If you saturate the color by 10%, you get **33.0581, 19.7697, 14.7444**, and if you desaturate by 10%, it is **38.6844, 27.8235, 26.4811**.

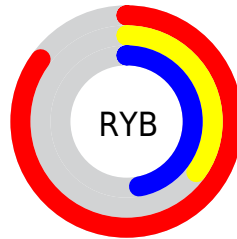
Distribution



Red (85%)

Green (35%)

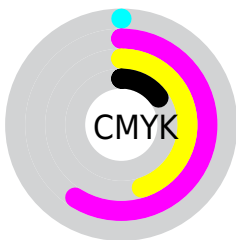
Blue (47%)



Red (85%)

Yellow (35%)

Blue (47%)

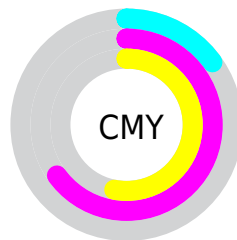


Cyan (0%)

Magenta (59%)

Yellow (45%)

Black (15%)



Cyan (15%)

Magenta (65%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5174, 23.2284, 20.0643 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 35.5174, 23.2284, 20.0643 by changing the saturation by 10% instead.


 35.5174, 23.2284,
20.0643


 35.5174, 23.2284,
20.0643


318.3144,
268.8959, 264.8787


 24.2301, 14.7622,
12.2573


 67.6153, 48.7681,
44.3853


 15.6300, 8.6527,
6.7945


 89.1566, 66.6104,
61.7364

 9.3519, 4.5153,
3.2574

 114.8466, 88.3469,
83.1059

 5.0304, 1.9658,
1.2275

 145.0506,
114.3620, 108.9124

 2.3000, 0.5875,
0.0013

180.1340,
145.0400, 139.5744

 0.7947, 0.0000,
0.0000

220.4623,

 0.0000, 0.0000,

180.7655, 175.5104

0.0000

266.4006,
221.9226, 217.1390

■ 35.5174, 23.2284,
20.0643

■ 35.5174, 23.2284,
20.0643

■ 33.0581, 19.7697,
14.7444

■ 38.6844, 27.8235,
26.4811

■ 31.2474, 17.3434,
10.4564

■ 42.6082, 33.6396,
34.0522

■ 30.0189, 15.8327,
7.1295

■ 47.3355, 40.7572,
42.8321

■ 29.2712, 15.0524,
4.6757

■ 52.9085, 49.2492,
52.8716

■ 29.2094, 14.9894,
4.4684

■ 59.3665, 59.1829,
64.2184

■ 66.7463, 70.6213,
76.9176

■ 75.0827, 83.6234,
91.0123

■ 81.9332, 93.2949,
105.7185

■ 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.



34.7812, 23.2284, 38.4996



35.5174, 23.2284, 20.0643



32.1844, 23.2284, 9.4800

Triad

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



35.5174, 23.2284, 20.0643



15.4807, 23.2284, 7.4489



18.3296, 23.2284, 70.7396

Complementary

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



35.5174, 23.2284, 20.0643



37.9037, 55.3379, 55.7011

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.



14.3453, 23.2284, 52.9150



35.5174, 23.2284, 20.0643



12.9191, 23.2284, 15.5138

Square

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



35.5174, 23.2284, 20.0643



20.1680, 23.2284, 4.7005



12.5450, 23.2284, 31.3565



24.1048, 23.2284, 73.8540

Rectangle

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



35.5174, 23.2284, 20.0643



28.4052, 23.2284, 6.1267



12.5450, 23.2284, 31.3565



16.7678, 23.2284, 65.9824

Sweetspot

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



35.5180, 23.2296, 20.0647



76.9642, 72.0697, 77.4645



36.1054, 22.4703, 68.0796



15.9344, 14.6008, 15.6204



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.



35.5180, 23.2296, 20.0647



46.8598, 27.4206, 19.4608



37.2567, 29.1492, 13.1156



13.1804, 13.1013, 14.2115



17.7160, 9.0875, 2.8847



1.1812, 0.6021, 0.3632

Inverse Universe

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



35.5180, 23.2296, 20.0647



46.8598, 27.4206, 19.4608



33.9942, 41.8326, 71.9282



13.1804, 13.1013, 14.2115



17.7160, 9.0875, 2.8847



1.1812, 0.6021, 0.3632

Previews

White Background



This preview shows how the XYZ color 35.5174, 23.2284, 20.0643 looks on a white background.

Color Contrast Check

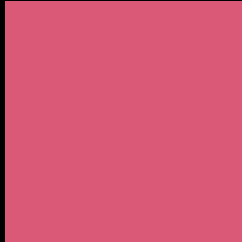
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5174, 23.2284, 20.0643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

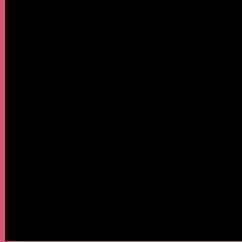
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5174, 23.2284, 20.0643

Background



This preview shows how black text looks on a background with the XYZ color 35.5174, 23.2284, 20.0643.



This preview shows how white text looks on a background with the XYZ color 35.5174, 23.2284,

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

35.5174, 23.2284, 20.0643

Protanopia

22.7249, 23.3912, 29.3038

Deuteranopia

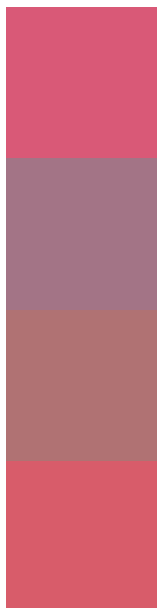
23.8367, 23.4029, 18.8837



Tritanopia

34.4854, 23.3285, 14.4896

Trichromacy



Original Color

35.5174, 23.2284, 20.0643

Protanomaly

25.6527, 21.9985, 25.4484

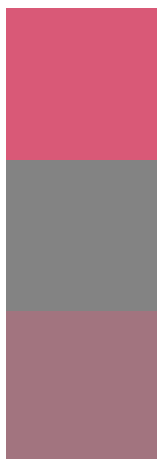
Deuteranomaly

27.0163, 22.5025, 19.1392

Tritanomaly

34.7476, 23.2938, 16.3004

Monochromacy



Original Color

35.5174, 23.2284, 20.0643

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.9764, 21.7045, 22.9517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5174, 23.2284, 20.0643 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(217, 89, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 89, 119) }
```

Border

The CSS property to change the border of an element to XYZ 35.5174, 23.2284, 20.0643 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, 119) }
```


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

```
.border{ border-color:rgb(217, 89, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 89, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 89, 119);  
box-shadow:4px 4px 4px 4px rgb(217, 89,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5174, 23.2284, 20.0643 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, 119) }
```

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

```
.background{ background-color: rgb(217, 89,  
119) }
```

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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