

Converting Colors

XYZ(35.6450, 23.8162, 18.5097)

Have a look what the booklet for
XYZ(35.6450, 23.8162, 18.5097)
contains.

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Color

**XYZ(35.5669, 23.7953,
18.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	D95D72
RGB	217, 93, 114
RGB Percent	85%, 36%, 45%
CMY	0.1490, 0.6353, 0.5529
CMYK	0.00, 0.57, 0.47, 0.15
HSL	350°, 62%, 61%
HSV	350°, 57%, 85%
XYZ	35.5669, 23.7953, 18.6380
YIQ	132.4700, 67.1630, 32.8190

Conversions

Conversions Part 2

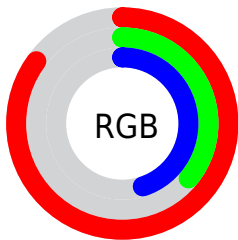
Format	Color
R_{YB}	217, 93, 114
Decimal	14245234
CIE Lab	55.88, 50.47, 12.89
CIE LCh	56, 52.089, 14.324
Yxy	23.7953, 0.4560, 0.3051
Android (android.graphics.Color)	4292435314 (0xFFD95D72)
YUV	132.4700, -9.1057, 74.1328
Hunter-Lab	48.7804, 44.7826, 11.4928

Details

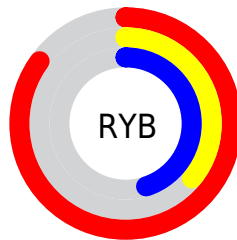
The XYZ color **35.5669, 23.7953, 18.6380** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **39.2922, 55.9390, 60.9546**, and the grayscale version is **22.1177, 23.2695, 25.3405**.

A 20% lighter version of the original color is **58.5567, 44.8806, 41.6529**, and **15.5496, 8.8846, 6.0496** is the 20% darker color. If you saturate the color by 10%, you get **32.9982, 20.1414, 13.2088**, and if you desaturate by 10%, it is **38.8793, 28.6131, 25.3131**.

Distribution



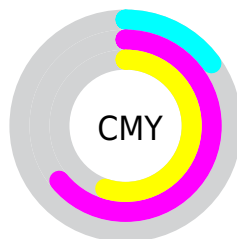
- Red (85%)
- Green (36%)
- Blue (45%)



- Red (85%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (57%)
- Yellow (47%)
- Black (15%)





- Cyan (15%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5669, 23.7953, 18.6380 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 35.5669, 23.7953, 18.6380 by changing the saturation by 10% instead.

 35.5669, 23.7953,
18.6380


 35.5669, 23.7953,
18.6380


318.5279,
271.7839, 256.7987


 24.2684, 15.1818,
11.2348


 67.6913, 49.6960,
41.9500


 15.6587, 8.9471,
6.1089


 89.2480, 67.7519,
58.6960

 9.3723, 4.7067,
2.8415


 114.9548, 89.7242,
79.3933

 5.0438, 2.0762,
1.0143

 145.1770,
115.9972, 104.4604

 2.3080, 0.6512,
0.0000

180.2801,
146.9553, 134.3160

 0.7988, 0.0000,
0.0000

220.6294,

 0.0000, 0.0000,

182.9828, 169.3786

0.0000

266.5902,
224.4642, 210.0666

■ 35.5669, 23.7953,
18.6380

■ 35.5669, 23.7953,
18.6380

■ 32.9982, 20.1414,
13.2088

■ 38.8793, 28.6131,
25.3131

■ 31.1124, 17.5488,
8.9456

■ 42.9861, 34.6786,
33.3044

■ 29.8419, 15.9032,
5.7611

■ 47.9356, 42.0720,
42.6784

■ 29.0987, 15.0529,
3.5527

■ 53.7716, 50.8660,
53.4966

■ 28.9451, 14.8836,
3.0763

■ 60.5350, 61.1277,
65.8169

■ 68.2640, 72.9201,
79.6941

■ 76.9947, 86.3024,
95.1798

■ 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.



35.4728, 23.7953, 35.7761



35.5669, 23.7953, 18.6380



31.7979, 23.7953, 9.1303

Triad

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



35.5669, 23.7953, 18.6380



15.5462, 23.7953, 8.8611



19.6726, 23.7953, 71.8067

Complementary

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



35.5669, 23.7953, 18.6380



39.2922, 55.9390, 60.9546

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.



15.3984, 23.7953, 56.0941



35.5669, 23.7953, 18.6380



13.3160, 23.7953, 18.0467

Square

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



35.5669, 23.7953, 18.6380



19.9104, 23.7953, 5.3966



13.2671, 23.7953, 34.8609



25.5578, 23.7953, 72.2010

Rectangle

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



35.5669, 23.7953, 18.6380



27.9278, 23.7953, 6.2110



13.2671, 23.7953, 34.8609



18.0257, 23.7953, 67.9122

Sweetspot

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



35.5675, 23.7966, 18.6384



77.4809, 73.2861, 77.0727



38.7563, 24.3445, 68.3018



16.1965, 15.1005, 15.7834



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.



35.5675, 23.7966, 18.6384



46.7913, 27.9599, 17.3537



38.8795, 32.1184, 14.5079



13.1456, 13.0873, 14.0277



17.5484, 9.0204, 2.0020



1.1648, 0.5956, 0.2767

Inverse Universe

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



35.5675, 23.7966, 18.6384



46.7913, 27.9599, 17.3537



32.9071, 39.0729, 71.4530



13.1456, 13.0873, 14.0277



17.5484, 9.0204, 2.0020



1.1648, 0.5956, 0.2767

Previews

White Background



This preview shows how the XYZ color 35.5669, 23.7953, 18.6380 looks on a white background.

Color Contrast Check

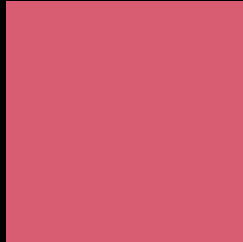
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5669, 23.7953, 18.6380 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 35.5669, 23.7953, 18.6380

Background



This preview shows how black text looks on a background with the XYZ color 35.5669, 23.7953, 18.6380.



This preview shows how white text looks on a background with the XYZ color 35.5669, 23.7953,

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

35.5669, 23.7953, 18.6380

Protanopia

23.0516, 24.0337, 26.3457

Deuteranopia

24.2673, 23.8511, 17.5121



Tritanopia

34.8094, 23.7427, 15.3185

Trichromacy



Original Color

35.5669, 23.7953, 18.6380

Protanomaly

25.9446, 22.7253, 23.0977

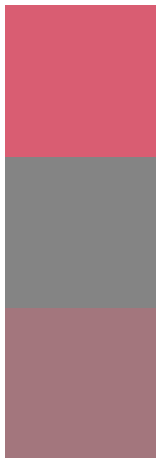
Deuteranomaly

27.4200, 23.0815, 17.7618

Tritanomaly

34.9231, 23.6449, 16.3589

Monochromacy



Original Color

35.5669, 23.7953, 18.6380

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.2844, 22.2241, 22.3591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5669, 23.7953, 18.6380 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, 93, 114)` looks like.

```
.text, #text, p{  
    color:rgb(217, 93, 114)  
}
```

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, 93, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 93, 114) }
```

Border

The CSS property to change the border of an element to XYZ 35.5669, 23.7953, 18.6380 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, 93, 114) }
```


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

```
.border{ border-color:rgb(217, 93, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 93, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 93, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 93, 114);  
box-shadow:4px 4px 4px 4px rgb(217, 93,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5669, 23.7953, 18.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 93, 114) }
```

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

```
.background{ background-color: rgb(217, 93,  
114) }
```

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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