

Converting Colors

XYZ(35.7736, 23.1754, 14.7778)

Have a look what the booklet for
XYZ(35.7736, 23.1754, 14.7778)
contains.

XYZ(35.8814, 23.2856, 14.9153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.8814, 23.2856,
14.9153)**

Conversions

Conversions Part 1

Format	Color
Hex	DE5765
RGB	222, 87, 101
RGB Percent	87%, 34%, 40%
CMY	0.1294, 0.6588, 0.6039
CMYK	0.00, 0.61, 0.55, 0.13
HSL	354°, 67%, 61%
HSV	354°, 61%, 87%
XYZ	35.8814, 23.2856, 14.9153
YIQ	128.9610, 75.9660, 32.9740

Conversions

Conversions Part 2

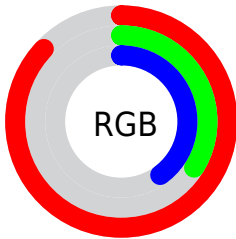
Format	Color
R_{YB}	222, 87, 101
Decimal	14571365
CIE _{Lab}	55.37, 53.76, 19.94
CIE _{LCh}	55, 57.337, 20.356
Yxy	23.2856, 0.4843, 0.3143
Android (android.graphics.Color)	4292761445 (0xFFDE5765)
YUV	128.9610, -13.7848, 81.5952
Hunter-Lab	48.2552, 48.2819, 15.4525

Details

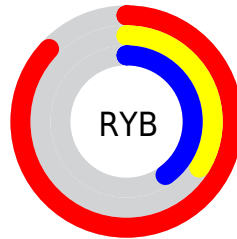
The XYZ color **35.8814, 23.2856, 14.9153** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **41.4385, 58.8235, 68.8493**, and the grayscale version is **20.8817, 21.9692, 23.9244**.

A 20% lighter version of the original color is **56.5805, 42.8730, 34.9990**, and **15.7795, 8.6368, 4.4498** is the 20% darker color. If you saturate the color by 10%, you get **33.4924, 19.8838, 9.8773**, and if you desaturate by 10%, it is **39.0600, 27.8893, 21.3813**.

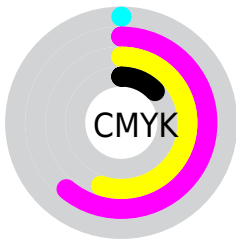
Distribution



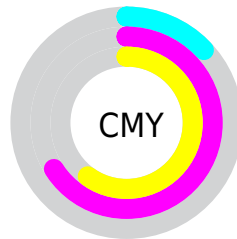
- Red (87%)
- Green (34%)
- Blue (40%)



- Red (87%)
- Yellow (34%)
- Blue (40%)



- Cyan (0%)
- Magenta (61%)
- Yellow (55%)
- Black (13%)




- Cyan (13%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8814, 23.2856, 14.9153 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 35.8814, 23.2856, 14.9153 by changing the saturation by 10% instead.


 35.8814, 23.2856,
14.9153


 35.8814, 23.2856,
14.9153

319.8822,
269.1885, 234.4761


 24.5123, 14.8045,
8.6140


 68.1740, 48.8619,
35.4447


 15.8409, 8.6823,
4.3969


 89.8283, 66.7258,
50.5099

 9.5017, 4.5346,
1.8455


 115.6416, 88.4862,
69.3335

 5.1296, 1.9769,
0.4577

 145.9794,
114.5275, 92.3340

 2.3590, 0.5940,
0.0000

181.2070,
145.2339, 119.9300

 0.8246, 0.0000,
0.0000

221.6898,

 0.0000, 0.0000,

180.9900, 152.5400

0.0000

267.7930,
222.1801, 190.5825

■ 35.8814, 23.2856,
14.9153

■ 35.8814, 23.2856,
14.9153

■ 33.4924, 19.8838,
9.8773

■ 39.0600, 27.8893,
21.3813

■ 31.8216, 17.5681,
6.1574

■ 43.0881, 33.7891,
29.3717

■ 30.7871, 16.2066,
3.6313

■ 48.0215, 41.0742,
38.9755

■ 30.2789, 15.5915,
2.2248

■ 53.9110, 49.8247,
50.2748

■ 60.8034, 60.1148,
63.3460

■ 68.7425, 72.0135,
78.2608

■ 77.7696, 85.5857,
95.0870

■ 83.9341, 94.2696,
108.3798

Harmonies

Analogous

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



36.7130, 23.2856, 31.7677



35.8814, 23.2856, 14.9153



31.0048, 23.2856, 6.6831

Triad

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



35.8814, 23.2856, 14.9153



13.9047, 23.2856, 8.7970



20.1230, 23.2856, 78.8091

Complementary

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



35.8814, 23.2856, 14.9153



41.4385, 58.8235, 68.8493

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.



15.1379, 23.2856, 63.6117



35.8814, 23.2856, 14.9153



12.0358, 23.2856, 19.8676

Square

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



35.8814, 23.2856, 14.9153



18.1003, 23.2856, 4.5271



12.4386, 23.2856, 39.7899



26.7225, 23.2856, 75.2175

Rectangle

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



35.8814, 23.2856, 14.9153



26.5590, 23.2856, 4.4796



12.4386, 23.2856, 39.7899



18.2269, 23.2856, 75.5288

Sweetspot

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



35.8820, 23.2869, 14.9157



76.1844, 71.7578, 73.3584



42.1169, 25.2494, 71.7609



15.7477, 14.5261, 14.6373



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.



35.8820, 23.2869, 14.9157



45.1264, 26.2048, 11.9437



41.0419, 34.6122, 13.5363



13.7647, 13.7235, 14.5310



18.0043, 9.2687, 1.4226



1.2678, 0.6504, 0.2029

Inverse Universe

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



35.8820, 23.2869, 14.9157



45.1264, 26.2048, 11.9437



31.5382, 36.1450, 74.4215



13.7647, 13.7235, 14.5310



18.0043, 9.2687, 1.4226



1.2678, 0.6504, 0.2029

Previews

White Background



This preview shows how the XYZ color 35.8814, 23.2856, 14.9153 looks on a white background.

Color Contrast Check

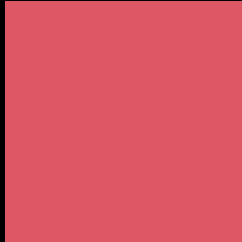
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8814, 23.2856, 14.9153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

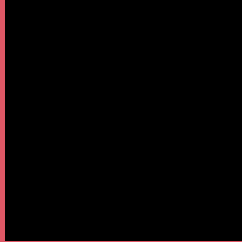
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.8814, 23.2856, 14.9153

Background



This preview shows how black text looks on a background with the XYZ color 35.8814, 23.2856, 14.9153.



This preview shows how white text looks on a background with the XYZ color 35.8814, 23.2856,

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

35.8814, 23.2856, 14.9153

Protanopia

22.4439, 23.6084, 22.1128

Deuteranopia

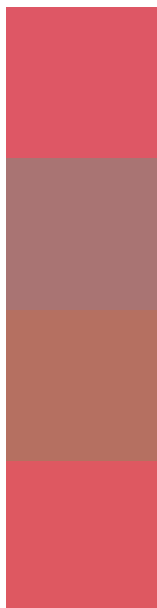
23.7555, 23.2741, 14.0668



Tritanopia

35.6343, 23.3172, 13.2122

Trichromacy



Original Color

35.8814, 23.2856, 14.9153

Protanomaly

25.7021, 22.1636, 19.1430

Deuteranomaly

27.0079, 22.2752, 14.1853

Tritanomaly

35.7716, 23.3721, 13.9352

Monochromacy



Original Color

35.8814, 23.2856, 14.9153

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

24.4513, 21.1531, 20.2470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8814, 23.2856, 14.9153 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(222, 87, 101)` looks like.

```
.text, #text, p{  
    color:rgb(222, 87, 101)  
}
```

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(222, 87, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 87, 101) }
```

Border

The CSS property to change the border of an element to XYZ 35.8814, 23.2856, 14.9153 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(222, 87, 101) }
```


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

```
.border{ border-color:rgb(222, 87, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 87, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 87, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 87, 101);  
box-shadow:4px 4px 4px 4px rgb(222, 87,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8814, 23.2856, 14.9153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 87, 101) }
```

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

```
.background{ background-color: rgb(222, 87,  
101) }
```

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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