

Converting Colors

XYZ(35.6163, 19.7084, 15.3254)

Have a look what the booklet for
XYZ(35.6163, 19.7084, 15.3254)
contains.

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Color

**XYZ(35.6430, 19.7105,
15.2905)**

Conversions

Conversions Part 1

Format	Color
Hex	E43169
RGB	228, 49, 105
RGB Percent	89%, 19%, 41%
CMY	0.1059, 0.8078, 0.5882
CMYK	0.00, 0.79, 0.54, 0.11
HSL	341°, 77%, 54%
HSV	341°, 79%, 89%
XYZ	35.6430, 19.7105, 15.2905
YIQ	108.9050, 88.7080, 55.3640

Conversions

Conversions Part 2

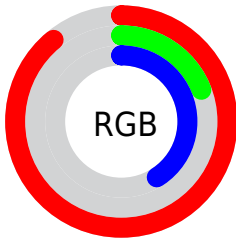
Format	Color
R_{YB}	228, 49, 105
Decimal	14954857
CIE _{Lab}	51.51, 69.58, 12.44
CIE _{LCh}	52, 70.682, 10.135
Yxy	19.7105, 0.5045, 0.2790
Android (android.graphics.Color)	4293144937 (0xFFE43169)
YUV	108.9050, -1.9252, 104.4463
Hunter-Lab	44.3965, 65.6119, 10.6576

Details

The XYZ color **35.6430, 19.7105, 15.2905** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **36.4583, 59.1190, 48.5260**, and the grayscale version is **14.4983, 15.2534, 16.6109**.

A 20% lighter version of the original color is **53.0349, 35.2486, 35.4609**, and **16.4896, 8.4125, 4.7577** is the 20% darker color. If you saturate the color by 10%, you get **34.1861, 17.9691, 11.1911**, and if you desaturate by 10%, it is **37.7310, 22.4770, 20.3326**.

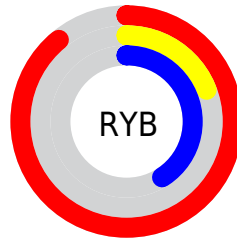
Distribution



Red (89%)

Green (19%)

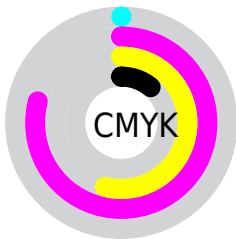
Blue (41%)



Red (89%)

Yellow (19%)

Blue (41%)

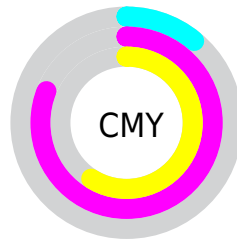


Cyan (0%)

Magenta (79%)

Yellow (54%)

Black (11%)



Cyan (11%)


Magenta (81%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6430, 19.7105, 15.2905 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 35.6430, 19.7105, 15.2905 by changing the saturation by 10% instead.

 35.6430, 19.7105,
15.2905


 35.6430, 19.7105,
15.2905


318.8560,
250.3435, 236.8189


 24.3274, 12.1848,
8.8746


 67.8082, 42.9313,
36.1115


 15.7027, 6.8697,
4.5638


 89.3885, 59.3951,
51.3537

 9.4036, 3.3807,
1.9395


 115.1211, 79.6071,
70.3751

 5.0645, 1.3336,
0.5177

 145.3714,
103.9517, 93.5942

 2.3203, 0.1670,
0.0000

 180.5046,
132.8133, 121.4296

 0.8050, 0.0000,
0.0000

220.8862,

 0.0000, 0.0000,

166.5761, 154.2999

0.0000

266.8816,
205.6248, 192.6234

■ 35.6430, 19.7105,
15.2905

■ 35.6430, 19.7105,
15.2905

■ 34.1861, 17.9691,
11.1911

■ 37.7310, 22.4770,
20.3326

■ 33.2566, 17.0579,
7.9591


■ 40.5202, 26.3961,
26.3775


■ 33.1423, 16.9529,
7.5403

■ 44.0723, 31.5804,
33.4806


■ 48.4416, 38.1277,
41.6926

■ 53.6773, 46.1264,
51.0604

 59.8244, 55.6573,
61.6285

 66.9250, 66.7954,
73.4385

 75.0182, 79.6103,
86.5303

 84.1412, 94.1680,
100.9416

Harmonies

Analogous

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



34.7306, 19.7105, 37.6778



35.6430, 19.7105, 15.2905



31.2301, 19.7105, 4.8370

Triad

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



35.6430, 19.7105, 15.2905



11.2402, 19.7105, 3.2997



14.4675, 19.7105, 83.2334

Complementary

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



35.6430, 19.7105, 15.2905



36.4583, 59.1190, 48.5260

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.



10.1151, 19.7105, 57.8162



35.6430, 19.7105, 15.2905



8.6044, 19.7105, 10.7283

Square

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



35.6430, 19.7105, 15.2905



16.4332, 19.7105, 1.3964



8.2525, 19.7105, 29.1026



21.2406, 19.7105, 87.5430

Rectangle

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



35.6430, 19.7105, 15.2905



26.3880, 19.7105, 2.2765



8.2525, 19.7105, 29.1026



12.7251, 19.7105, 76.3579

Sweetspot

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



35.6435, 19.7117, 15.2908



72.4903, 64.5558, 71.5529



31.9670, 16.4932, 74.8971



14.9304, 12.9128, 14.2995



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.



35.6435, 19.7117, 15.2908



43.2724, 22.3531, 11.7688



35.5538, 22.7245, 5.4197



14.5618, 14.4419, 15.8926



19.1848, 9.8081, 4.6022



1.4584, 0.7411, 0.5545

Inverse Universe

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



35.6435, 19.7117, 15.2908



43.2724, 22.3531, 11.7688



34.8276, 45.3682, 80.3198



14.5618, 14.4419, 15.8926



19.1848, 9.8081, 4.6022



1.4584, 0.7411, 0.5545

Previews

White Background



This preview shows how the XYZ color 35.6430, 19.7105, 15.2905 looks on a white background.

Color Contrast Check

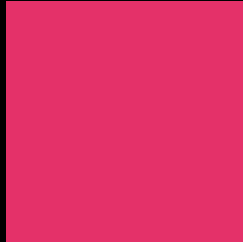
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6430, 19.7105, 15.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

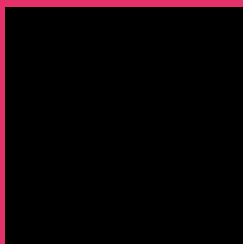
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6430, 19.7105, 15.2905

Background



This preview shows how black text looks on a background with the XYZ color 35.6430, 19.7105, 15.2905.



This preview shows how white text looks on a background with the XYZ color 35.6430, 19.7105,

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

35.6430, 19.7105, 15.2905

Protanopia

19.5877, 19.8651, 28.3932

Deuteranopia

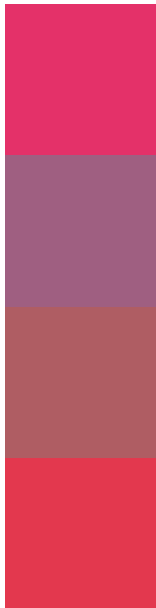
20.0914, 19.7307, 13.8158



Tritanopia

33.8494, 19.7483, 6.5852

Trichromacy



Original Color

35.6430, 19.7105, 15.2905

Protanomaly

22.3527, 17.1403, 22.8992

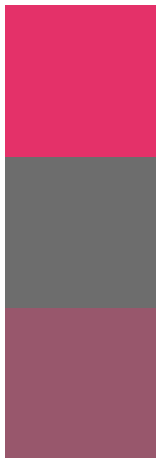
Deuteranomaly

23.8457, 17.8435, 13.9917

Tritanomaly

34.4679, 19.7093, 9.1953

Monochromacy



Original Color

35.6430, 19.7105, 15.2905

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

19.0639, 14.5745, 15.9957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6430, 19.7105, 15.2905 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(228, 49, 105)` looks like.

```
.text, #text, p{  
    color:rgb(228, 49, 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(228, 49, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 49, 105) }
```

Border

The CSS property to change the border of an element to XYZ 35.6430, 19.7105, 15.2905 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(228, 49, 105) }
```


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

```
.border{ border-color:rgb(228, 49, 105) }
```

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

Here you see how a box with a 4 pixel rgb(228, 49, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 49, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 49, 105);  
box-shadow:4px 4px 4px 4px rgb(228, 49,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6430, 19.7105, 15.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 49, 105) }
```

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

```
.background{ background-color: rgb(228, 49,  
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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