

Converting Colors

XYZ(35.3379, 19.2466, 15.2359)

Have a look what the booklet for
XYZ(35.3379, 19.2466, 15.2359)
contains.

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Color

**XYZ(35.4454, 19.3153,
15.2246)**

Conversions

Conversions Part 1

Format	Color
Hex	E42C69
RGB	228, 44, 105
RGB Percent	89%, 17%, 41%
CMY	0.1059, 0.8274, 0.5882
CMYK	0.00, 0.81, 0.54, 0.11
HSL	340°, 77%, 53%
HSV	340°, 81%, 89%
XYZ	35.4454, 19.3153, 15.2246
YIQ	105.9700, 90.0830, 57.9790

Conversions

Conversions Part 2

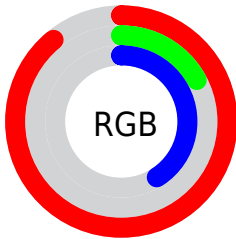
Format	Color
RYB	228, 44, 105
Decimal	14953577
CIELab	51.05, 70.87, 11.80
CIELCh	51, 71.846, 9.456
Yxy	19.3153, 0.5065, 0.2760
Android (android.graphics.Color)	4293143657 (0xFFE42C69)
YUV	105.9700, -0.4782, 107.0203
Hunter-Lab	43.9492, 67.0508, 10.2255

Details

The XYZ color **35.4454, 19.3153, 15.2246** 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 **35.7592, 58.8130, 46.0343**, and the grayscale version is **13.6774, 14.3897, 15.6704**.

A 20% lighter version of the original color is **52.7094, 34.5976, 35.3524**, and **16.4896, 8.4125, 4.7577** is the 20% darker color. If you saturate the color by 10%, you get **34.1021, 17.7723, 11.2519**, and if you desaturate by 10%, it is **37.3960, 21.8484, 20.0928**.

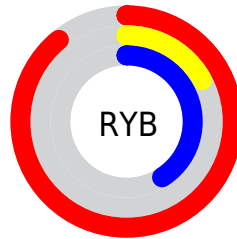
Distribution



Red (89%)

Green (17%)

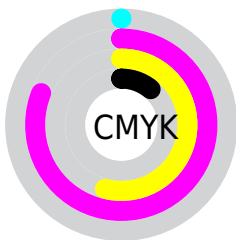
Blue (41%)



Red (89%)

Yellow (17%)

Blue (41%)

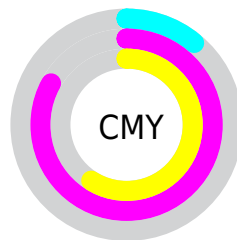


Cyan (0%)

Magenta (81%)

Yellow (54%)

Black (11%)



Cyan (11%)


Magenta (83%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4454, 19.3153, 15.2246 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 35.4454, 19.3153, 15.2246 by changing the saturation by 10% instead.

 35.4454, 19.3153,
15.2246


 35.4454, 19.3153,
15.2246


318.0036,
248.1839, 236.4091


 24.1743, 11.8983,
8.8288


 67.5047, 42.2662,
35.9946


 15.5884, 6.6745,
4.5344


 89.0236, 58.5689,
51.2058


 9.3224, 3.2594,
1.9229


 114.6891, 78.6024,
70.1926

 5.0108, 1.2686,
0.5072

 144.8666,
102.7509, 93.3736

 2.2884, 0.1167,
0.0000

 179.9214,
131.3989, 121.1671

 0.7887, 0.0000,
0.0000

220.2190,

 0.0000, 0.0000,

164.9308, 153.9919

0.0000

266.1246,
203.7310, 192.2663

■ 35.4454, 19.3153,
15.2246

■ 35.4454, 19.3153,
15.2246

■ 34.1021, 17.7723,
11.2519

■ 37.3960, 21.8484,
20.0928

■ 33.2845, 17.0098,
8.2889


■ 40.0261, 25.5047,
25.9146


■ 43.3988, 30.3999,
32.7429


■ 47.5692, 36.6344,
40.6262

■ 52.5868, 44.2982,
49.6096

 58.4971, 53.4733,
59.7353

 65.3422, 64.2357,
71.0429

 73.1614, 76.6561,
83.5705

 81.9919, 90.8009,
97.3540

Harmonies

Analogous

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



34.3944, 19.3153, 38.0094



35.4454, 19.3153, 15.2246



31.0881, 19.3153, 4.6590

Triad

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



35.4454, 19.3153, 15.2246



10.9603, 19.3153, 2.9601



13.9611, 19.3153, 83.2573

Complementary

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



35.4454, 19.3153, 15.2246



35.7592, 58.8130, 46.0343

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.



9.6869, 19.3153, 57.0839



35.4454, 19.3153, 15.2246



8.2911, 19.3153, 10.0541

Square

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



35.4454, 19.3153, 15.2246



16.1999, 19.3153, 1.2189



7.8946, 19.3153, 28.1530



20.7010, 19.3153, 88.2612

Rectangle

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



35.4454, 19.3153, 15.2246



26.2322, 19.3153, 2.1116



7.8946, 19.3153, 28.1530



12.2429, 19.3153, 76.0978

Sweetspot

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



35.4459, 19.3164, 15.2249



72.6358, 64.6140, 72.3191



30.7720, 15.5838, 74.7846



14.9649, 12.9266, 14.4807



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.



35.4459, 19.3164, 15.2249



43.1531, 22.1581, 11.5947



34.9442, 21.6648, 4.7245



14.5730, 14.4464, 15.9519



19.2688, 9.8417, 5.0444



1.4657, 0.7440, 0.5928

Inverse Universe

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



35.4459, 19.3164, 15.2249



43.1531, 22.1581, 11.5947



35.0855, 46.2224, 80.4711



14.5730, 14.4464, 15.9519



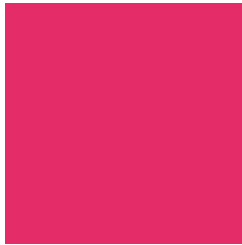
19.2688, 9.8417, 5.0444



1.4657, 0.7440, 0.5928

Previews

White Background



This preview shows how the XYZ color 35.4454, 19.3153, 15.2246 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 35.4454, 19.3153, 15.2246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

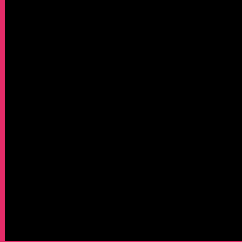
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4454, 19.3153, 15.2246

Background



This preview shows how black text looks on a background with the XYZ color 35.4454, 19.3153, 15.2246.



This preview shows how white text looks on a background with the XYZ color 35.4454, 19.3153,

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

35.4454, 19.3153, 15.2246

Protanopia

19.3426, 19.5399, 29.1377

Deuteranopia

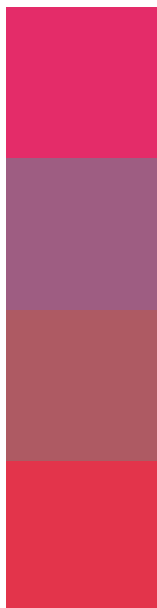
19.8003, 19.4067, 13.7686



Tritanopia

33.5909, 19.4005, 5.9772

Trichromacy



Original Color

35.4454, 19.3153, 15.2246

Protanomaly

22.0442, 16.7095, 23.1825

Deuteranomaly

23.3639, 17.2119, 13.8952

Tritanomaly

34.1765, 19.2949, 8.5796

Monochromacy



Original Color

35.4454, 19.3153, 15.2246

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

18.2725, 13.7112, 15.3191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4454, 19.3153, 15.2246 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, 44, 105)` looks like.

```
.text, #text, p{  
    color:rgb(228, 44, 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, 44, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 44, 105) }
```

Border

The CSS property to change the border of an element to XYZ 35.4454, 19.3153, 15.2246 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, 44, 105) }
```


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

```
.border{ border-color:rgb(228, 44, 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, 44, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 44, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 44, 105);  
box-shadow:4px 4px 4px 4px rgb(228, 44,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4454, 19.3153, 15.2246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 44, 105) }
```

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

```
.background{ background-color: rgb(228, 44,  
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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