

Converting Colors

XYZ(35.3500, 19.6343, 23.0780)

Have a look what the booklet for
XYZ(35.3500, 19.6343, 23.0780)
contains.

XYZ(35.4266, 19.6875, 23.0520)	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(35.4266, 19.6875,
23.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	DE3582
RGB	222, 53, 130
RGB Percent	87%, 21%, 51%
CMY	0.1294, 0.7921, 0.4902
CMYK	0.00, 0.76, 0.41, 0.13
HSL	333°, 72%, 54%
HSV	333°, 76%, 87%
XYZ	35.4266, 19.6875, 23.0520
YIQ	112.3090, 76.0070, 59.7750

Conversions

Conversions Part 2

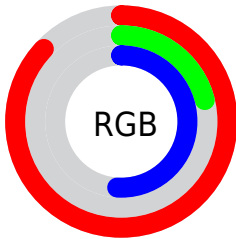
Format	Color
R_{YB}	222, 53, 130
Decimal	14562690
CIE Lab	51.48, 68.96, -2.85
CIE LCh	51, 69.021, 357.631
Yxy	19.6875, 0.4532, 0.2519
Android (android.graphics.Color)	4292752770 (0xFFDE3582)
YUV	112.3090, 8.7217, 96.1990
Hunter-Lab	44.3706, 64.8703, 0.2563

Details

The XYZ color **35.4266, 19.6875, 23.0520** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle muted rose. A complement of this color would be **32.7018, 55.0445, 35.6937**, and the grayscale version is **15.4529, 16.2576, 17.7045**.

A 20% lighter version of the original color is **55.9180, 36.9404, 48.9827**, and **16.1831, 8.1711, 8.5088** is the 20% darker color. If you saturate the color by 10%, you get **33.8742, 17.8057, 18.7644**, and if you desaturate by 10%, it is **37.5437, 22.5461, 27.9983**.

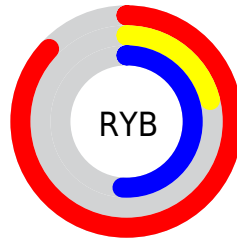
Distribution



Red (87%)

Green (21%)

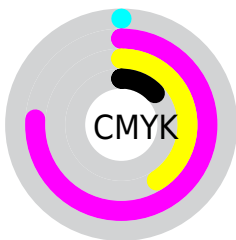
Blue (51%)



Red (87%)

Yellow (21%)

Blue (51%)

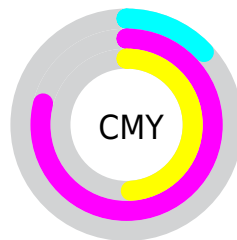


Cyan (0%)

Magenta (76%)

Yellow (41%)

Black (13%)



Cyan (13%)


Magenta (79%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4266, 19.6875, 23.0520 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 35.4266, 19.6875, 23.0520 by changing the saturation by 10% instead.


 35.4266, 19.6875,
23.0520


 35.4266, 19.6875,
23.0520


317.9225,
250.2183, 281.1225

 24.1597, 12.1681,
14.4262

 67.4758, 42.8926,
49.4030


 15.5775, 6.8583,
8.2756


 88.9888, 59.3471,
67.9653


 9.3146, 3.3736,
4.1815


 114.6479, 79.5488,
90.6768

 5.0057, 1.3298,
1.7254

 144.8185,
103.8820, 117.9562

 2.2854, 0.1641,
0.3781

 179.8659,
132.7312, 150.2219

 0.7872, 0.0000,
0.0000

220.1555,

 0.0000, 0.0000,

166.4807, 187.8925

0.0000

266.0525,
205.5149, 231.3865

■ 35.4266, 19.6875,
23.0520

■ 35.4266, 19.6875,
23.0520

■ 33.8742, 17.8057,
18.7644

■ 37.5437, 22.5461,
27.9983

■ 32.8103, 16.7536,
15.0934

■ 40.2842, 26.4941,
33.6379


■ 32.4800, 16.4719,
13.8155


■ 43.7008, 31.6320,
40.0031


■ 47.8398, 38.0479,
47.1236

■ 52.7432, 45.8213,
55.0268

 58.4497, 55.0255,
63.7386

 64.9953, 65.7283,
73.2837

 72.4137, 77.9932,
83.6854

 80.7368, 91.8801,
94.9661

Harmonies

Analogous

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



32.3689, 19.6875, 49.0335



35.4266, 19.6875, 23.0520



33.1688, 19.6875, 8.1647

Triad

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



35.4266, 19.6875, 23.0520



13.1894, 19.6875, 2.2892



12.4485, 19.6875, 72.4996

Complementary

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



35.4266, 19.6875, 23.0520



32.7018, 55.0445, 35.6937

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.



9.2180, 19.6875, 44.4437



35.4266, 19.6875, 23.0520



9.5657, 19.6875, 6.8122

Square

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



35.4266, 19.6875, 23.0520



19.2683, 19.6875, 1.4482



8.3091, 19.6875, 19.8980



18.1672, 19.6875, 86.6097

Rectangle

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



35.4266, 19.6875, 23.0520



29.2012, 19.6875, 3.7992



8.3091, 19.6875, 19.8980



11.0945, 19.6875, 63.7806

Sweetspot

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



35.4271, 19.6886, 23.0523



74.3877, 66.2294, 78.7245



25.8102, 13.6733, 70.3861



15.3471, 13.2543, 15.9548



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.



35.4271, 19.6886, 23.0523



45.4859, 23.4470, 22.7820



32.3128, 18.8783, 5.3104



13.9656, 13.8039, 15.5890



19.3471, 9.8058, 8.4935



1.3858, 0.6976, 0.8244

Inverse Universe

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



35.4271, 19.6886, 23.0523



45.4859, 23.4470, 22.7820



39.3037, 55.3312, 77.7157



13.9656, 13.8039, 15.5890



19.3471, 9.8058, 8.4935



1.3858, 0.6976, 0.8244

Previews

White Background



This preview shows how the XYZ color 35.4266, 19.6875, 23.0520 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 35.4266, 19.6875, 23.0520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

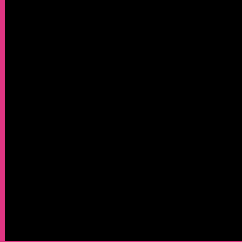
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4266, 19.6875, 23.0520

Background



This preview shows how black text looks on a background with the XYZ color 35.4266, 19.6875, 23.0520.



This preview shows how white text looks on a background with the XYZ color 35.4266, 19.6875,

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

35.4266, 19.6875, 23.0520

Protanopia

20.6867, 20.1243, 42.3292

Deuteranopia

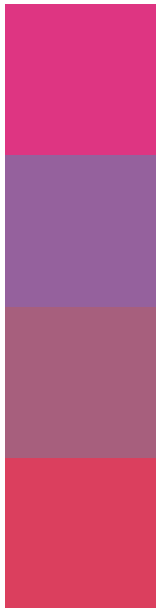
20.2630, 19.8330, 21.1725



Tritanopia

32.2442, 19.6427, 8.3953

Trichromacy



Original Color

35.4266, 19.6875, 23.0520

Protanomaly

22.7549, 17.3733, 34.0523

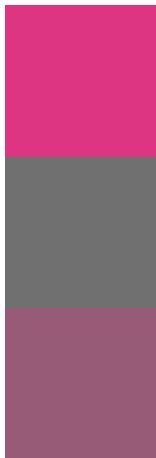
Deuteranomaly

23.7302, 17.8806, 21.6026

Tritanomaly

33.0113, 19.4232, 12.5988

Monochromacy



Original Color

35.4266, 19.6875, 23.0520

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

20.0198, 15.4895, 19.3874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4266, 19.6875, 23.0520 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, 53, 130)` looks like.

```
.text, #text, p{  
    color:rgb(222, 53, 130)  
}
```

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, 53, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 53, 130) }
```

Border

The CSS property to change the border of an element to XYZ 35.4266, 19.6875, 23.0520 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, 53, 130) }
```


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

```
.border{ border-color:rgb(222, 53, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 53, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 53, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 53, 130);  
box-shadow:4px 4px 4px 4px rgb(222, 53,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4266, 19.6875, 23.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 53, 130) }
```

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

```
.background{ background-color: rgb(222, 53,  
130) }
```

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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