

Converting Colors

XYZ(35.1133, 20.3528, 32.2214)

Have a look what the booklet for
XYZ(35.1133, 20.3528, 32.2214)
contains.

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Color

**XYZ(35.1386, 20.3425,
32.2115)**

Conversions

Conversions Part 1

Format	Color
Hex	D54299
RGB	213, 66, 153
RGB Percent	84%, 26%, 60%
CMY	0.1647, 0.7411, 0.4000
CMYK	0.00, 0.69, 0.28, 0.16
HSL	324°, 64%, 55%
HSV	324°, 69%, 84%
XYZ	35.1386, 20.3425, 32.2115
YIQ	119.8710, 59.6850, 58.2210

Conversions

Conversions Part 2

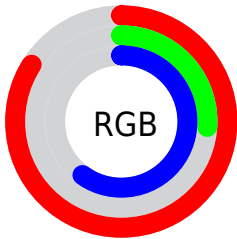
Format	Color
R_{YB}	213, 66, 153
Decimal	13976217
CIE _{Lab}	52.22, 64.79, -15.64
CIE _{LCh}	52, 66.654, 346.430
Yxy	20.3425, 0.4007, 0.2320
Android (android.graphics.Color)	4292166297 (0xFFD54299)
YUV	119.8710, 16.3326, 81.6741
Hunter-Lab	45.1027, 60.1362, -10.7720

Details

The XYZ color **35.1386, 20.3425, 32.2115** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **29.8082, 50.2538, 27.8705**, and the grayscale version is **17.7487, 18.6731, 20.3350**.

A 20% lighter version of the original color is **59.7101, 40.1803, 63.6400**, and **15.7247, 7.8293, 13.2528** is the 20% darker color. If you saturate the color by 10%, you get **33.4255, 18.0238, 28.2256**, and if you desaturate by 10%, it is **37.3684, 23.6105, 36.6281**.

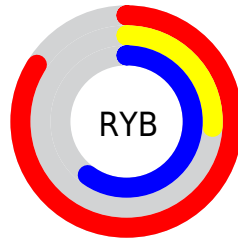
Distribution



Red (84%)

Green (26%)

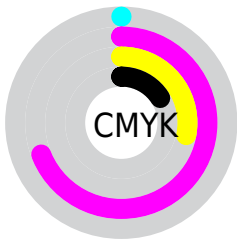
Blue (60%)



Red (84%)

Yellow (26%)

Blue (60%)

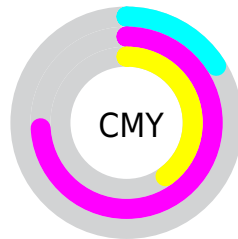


Cyan (0%)

Magenta (69%)

Yellow (28%)

Black (16%)



Cyan (16%)


Magenta (74%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1386, 20.3425, 32.2115 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 35.1386, 20.3425, 32.2115 by changing the saturation by 10% instead.


 35.1386, 20.3425,
32.2115


 35.1386, 20.3425,
32.2115


316.6770,
253.7633, 326.6039


 23.9367, 12.6443,
21.2569


 67.0330, 43.9907,
64.2443


 15.4111, 7.1840,
13.1189


 88.4563, 60.7094,
86.1595


 9.1966, 3.5775,
7.3788


 114.0173, 81.2037,
112.5655

 4.9278, 1.4401,
3.6181

 144.0815,
105.8580, 143.8806

 2.2393, 0.2460,
1.4182

 179.0142,
135.0568, 180.5235

 0.7633, 0.0000,
0.1559

219.1808,

 0.0000, 0.0000,

169.1843, 222.9126

0.0000

264.9466,
208.6250, 271.4666

■ 35.1386, 20.3425,
32.2115

■ 35.1386, 20.3425,
32.2115

■ 33.4255, 18.0238,
28.2256

■ 37.3684, 23.6105,
36.6281

■ 32.1716, 16.5419,
24.6454

■ 40.1603, 27.9172,
41.4954

■ 31.2890, 15.7221,
21.4360

■ 43.5563, 33.3453,
46.8328

■ 31.2102, 15.6540,
21.1344

■ 47.5941, 39.9680,
52.6577

■ 52.3079, 47.8524,
58.9864

■ 57.7296, 57.0606,
65.8343

■ 63.8887, 67.6505,
73.2159

■ 70.8134, 79.6767,
81.1451

■ 77.6598, 91.4498,
89.3449

Harmonies

Analogous

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



30.5109, 20.3425, 59.5588



35.1386, 20.3425, 32.2115



34.8863, 20.3425, 13.1152

Triad

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



35.1386, 20.3425, 32.2115



15.8496, 20.3425, 2.1067



11.6149, 20.3425, 62.1650

Complementary

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



35.1386, 20.3425, 32.2115



29.8082, 50.2538, 27.8705

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.



9.2671, 20.3425, 34.5977



35.1386, 20.3425, 32.2115



11.2878, 20.3425, 5.0134

Square

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



35.1386, 20.3425, 32.2115



22.5869, 20.3425, 2.0070



9.1635, 20.3425, 14.4370



16.4111, 20.3425, 82.6175

Rectangle

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



35.1386, 20.3425, 32.2115



31.9600, 20.3425, 6.4695



9.1635, 20.3425, 14.4370



10.5684, 20.3425, 52.8784

Sweetspot

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



35.1392, 20.3436, 32.2119



76.9599, 69.1347, 86.4850



22.3881, 13.0469, 64.2894



16.0410, 14.0741, 17.9371



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.



35.1392, 20.3436, 32.2119



49.2413, 25.8632, 39.7400



30.8637, 18.6333, 9.6972



12.7285, 12.5429, 14.5107



19.1164, 9.5829, 13.1827



1.1936, 0.5942, 1.0090

Inverse Universe

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



35.1392, 20.3436, 32.2119



49.2413, 25.8632, 39.7400



36.2695, 52.8384, 61.8956



12.7285, 12.5429, 14.5107



19.1164, 9.5829, 13.1827



1.1936, 0.5942, 1.0090

Previews

White Background



This preview shows how the XYZ color 35.1386, 20.3425, 32.2115 looks on a white background.

Color Contrast Check

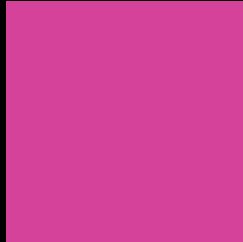
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1386, 20.3425, 32.2115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

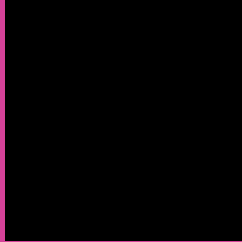
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1386, 20.3425, 32.2115

Background



This preview shows how black text looks on a background with the XYZ color 35.1386, 20.3425, 32.2115.



This preview shows how white text looks on a background with the XYZ color 35.1386, 20.3425,

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

35.1386, 20.3425, 32.2115

Protanopia

21.9662, 20.7136, 53.8793

Deuteranopia

20.9725, 20.5526, 29.6497



Tritanopia

30.9089, 20.3177, 11.7438

Trichromacy



Original Color

35.1386, 20.3425, 32.2115

Protanomaly

23.7033, 18.3329, 44.9371

Deuteranomaly

24.3947, 19.0118, 30.4009

Tritanomaly

32.1568, 20.1792, 17.5294

Monochromacy



Original Color

35.1386, 20.3425, 32.2115

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

22.0485, 17.6503, 24.0746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1386, 20.3425, 32.2115 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(213, 66, 153)` looks like.

```
.text, #text, p{  
    color:rgb(213, 66, 153)  
}
```

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(213, 66, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 66, 153) }
```

Border

The CSS property to change the border of an element to XYZ 35.1386, 20.3425, 32.2115 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(213, 66, 153) }
```


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

```
.border{ border-color:rgb(213, 66, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 66, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 66, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 66, 153);  
box-shadow:4px 4px 4px 4px rgb(213, 66,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1386, 20.3425, 32.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 66, 153) }
```

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

```
.background{ background-color: rgb(213, 66,  
153) }
```

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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