

Converting Colors

XYZ(35.3131, 22.6895, 19.5164)

Have a look what the booklet for
XYZ(35.3131, 22.6895, 19.5164)
contains.

XYZ(35.4320, 22.7104, 19.6556)	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(35.4320, 22.7104,
19.6556)**

Conversions

Conversions Part 1

Format	Color
Hex	DA5576
RGB	218, 85, 118
RGB Percent	85%, 33%, 46%
CMY	0.1451, 0.6666, 0.5373
CMYK	0.00, 0.61, 0.46, 0.15
HSL	345°, 64%, 59%
HSV	345°, 61%, 85%
XYZ	35.4320, 22.7104, 19.6556
YIQ	128.5290, 68.6750, 38.4590

Conversions

Conversions Part 2

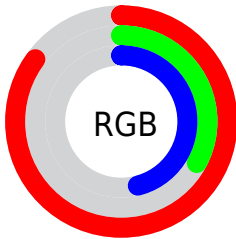
Format	Color
R_{YB}	218, 85, 118
Decimal	14308726
CIE _{Lab}	54.77, 54.80, 8.99
CIE _{LCh}	55, 55.528, 9.316
Yxy	22.7104, 0.4554, 0.2919
Android (android.graphics.Color)	4292498806 (0xFFDA5576)
YUV	128.5290, -5.1908, 78.4661
Hunter-Lab	47.6554, 49.3185, 8.9045

Details

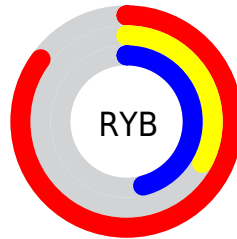
The XYZ color **35.4320, 22.7104, 19.6556** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **37.5761, 55.5776, 54.6499**, and the grayscale version is **20.7033, 21.7815, 23.7201**.

A 20% lighter version of the original color is **57.8738, 42.9184, 43.2640**, and **15.5327, 8.3646, 6.5902** is the 20% darker color. If you saturate the color by 10%, you get **33.0814, 19.4350, 14.4766**, and if you desaturate by 10%, it is **38.4816, 27.1129, 25.9031**.

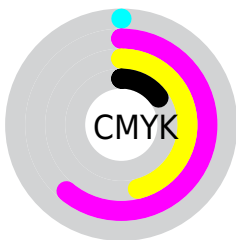
Distribution



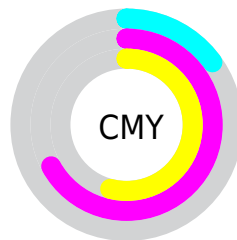
- Red (85%)
- Green (33%)
- Blue (46%)



- Red (85%)
- Yellow (33%)
- Blue (46%)



- Cyan (0%)
- Magenta (61%)
- Yellow (46%)
- Black (15%)





- Cyan (15%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4320, 22.7104, 19.6556 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 35.4320, 22.7104, 19.6556 by changing the saturation by 10% instead.


 35.4320, 22.7104,
19.6556


 35.4320, 22.7104,
19.6556


317.9458,
266.2340, 262.5868


 24.1639, 14.3798,
11.9634


 67.4841, 47.9174,
43.6904


 15.5806, 8.3853,
6.5965


 88.9988, 65.5625,
60.8700

 9.3169, 4.3425,
3.1365


 114.6598, 87.0814,
82.0491

 5.0072, 1.8669,
1.1647

 144.8323,
112.8582, 107.6463

 2.2863, 0.5284,
0.0000

179.8819,
143.2775, 138.0802

 0.7876, 0.0000,
0.0000

220.1737,

 0.0000, 0.0000,

178.7237, 173.7692

0.0000

266.0732,
219.5810, 215.1319

■ 35.4320, 22.7104,
19.6556

■ 35.4320, 22.7104,
19.6556

■ 33.0814, 19.4350,
14.4766

■ 38.4816, 27.1129,
25.9031

■ 31.3689, 17.1790,
10.3021

■ 42.2805, 32.7301,
33.2755

■ 30.2255, 15.8195,
7.0622

■ 46.8763, 39.6449,
41.8262

■ 29.5812, 15.1725,
4.8696

■ 52.3120, 47.9321,
51.6049

■ 58.6275, 57.6606,
62.6584

■ 65.8602, 68.8946,
75.0310

■ 74.0452, 81.6947,
88.7647

■ 81.7934, 93.2734,
103.4256

■ 82.7235, 93.6454,
108.3231

Harmonies

Analogous

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



34.5977, 22.7104, 38.6708



35.4320, 22.7104, 19.6556



32.0496, 22.7104, 8.9130

Triad

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



35.4320, 22.7104, 19.6556



14.9453, 22.7104, 6.7263



17.6841, 22.7104, 71.6639

Complementary

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



35.4320, 22.7104, 19.6556



37.5761, 55.5776, 54.6499

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.



13.6901, 22.7104, 52.8769



35.4320, 22.7104, 19.6556



12.3292, 22.7104, 14.6178

Square

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



35.4320, 22.7104, 19.6556



19.7331, 22.7104, 4.1351



11.9179, 22.7104, 30.6051



23.5505, 22.7104, 75.2398

Rectangle

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



35.4320, 22.7104, 19.6556



28.1767, 22.7104, 5.5754



11.9179, 22.7104, 30.6051



16.1119, 22.7104, 66.6038

Sweetspot

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



35.4326, 22.7116, 19.6560



77.0479, 72.1032, 77.9052



35.8518, 21.8436, 68.6563



15.9545, 14.6088, 15.7263



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.



35.4326, 22.7116, 19.6560



46.4552, 26.7363, 18.9410



37.0620, 28.5786, 12.1587



13.1879, 13.1042, 14.2506



17.7585, 9.1045, 3.1085



1.1849, 0.6036, 0.3825

Inverse Universe

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



35.4326, 22.7116, 19.6560



46.4552, 26.7363, 18.9410



33.6990, 41.5878, 72.5808



13.1879, 13.1042, 14.2506



17.7585, 9.1045, 3.1085



1.1849, 0.6036, 0.3825

Previews

White Background



This preview shows how the XYZ color 35.4320, 22.7104, 19.6556 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 35.4320, 22.7104, 19.6556 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 35.4320, 22.7104, 19.6556

Background



This preview shows how black text looks on a background with the XYZ color 35.4320, 22.7104, 19.6556.



This preview shows how white text looks on a background with the XYZ color 35.4320, 22.7104,

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

35.4320, 22.7104, 19.6556

Protanopia

22.4343, 23.0411, 29.2516

Deuteranopia

23.2765, 22.9279, 18.5280



Tritanopia

33.9568, 22.5699, 13.3932

Trichromacy



Original Color

35.4320, 22.7104, 19.6556

Protanomaly

25.4246, 21.5424, 25.3723

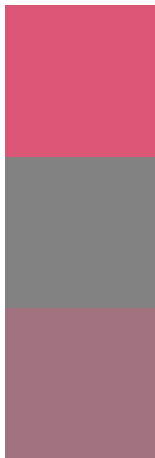
Deuteranomaly

26.5106, 21.9172, 18.7528

Tritanomaly

34.5532, 22.7104, 15.3944

Monochromacy



Original Color

35.4320, 22.7104, 19.6556

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

24.3047, 20.8680, 22.1490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4320, 22.7104, 19.6556 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(218, 85, 118)` looks like.

```
.text, #text, p{  
    color:rgb(218, 85, 118)  
}
```

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(218, 85, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 85, 118) }
```

Border

The CSS property to change the border of an element to XYZ 35.4320, 22.7104, 19.6556 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(218, 85, 118) }
```


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

```
.border{ border-color:rgb(218, 85, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 85, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 85, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 85, 118);  
box-shadow:4px 4px 4px 4px rgb(218, 85,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4320, 22.7104, 19.6556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 85, 118) }
```

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

```
.background{ background-color: rgb(218, 85,  
118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor