

Converting Colors

XYZ(33.6656, 20.6899, 15.8548)

Have a look what the booklet for
XYZ(33.6656, 20.6899, 15.8548)
contains.

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Color

**XYZ(33.6656, 20.6899,
15.8548)**

Conversions

Conversions Part 1

Format	Color
Hex	D94A6A
RGB	217, 74, 106
RGB Percent	85%, 29%, 42%
CMY	0.1490, 0.7098, 0.5843
CMYK	0.00, 0.66, 0.51, 0.15
HSL	347°, 65%, 57%
HSV	347°, 66%, 85%
XYZ	33.6656, 20.6899, 15.8548
YIQ	120.4050, 74.9560, 40.2680

Conversions

Conversions Part 2

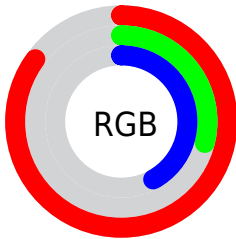
Format	Color
R_{YB}	217, 74, 106
Decimal	14240362
CIE _{Lab}	52.61, 58.04, 13.07
CIE _{LCh}	53, 59.496, 12.691
Yxy	20.6899, 0.4795, 0.2947
Android (android.graphics.Color)	4292430442 (0xFFD94A6A)
YUV	120.4050, -7.1017, 84.7138
Hunter-Lab	45.4862, 52.5122, 11.1740

Details

The XYZ color **33.6656, 20.6899, 15.8548** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **36.3954, 54.5849, 54.5213**, and the grayscale version is **17.9886, 18.9254, 20.6098**.

A 20% lighter version of the original color is **55.3084, 39.6596, 36.6383**, and **14.6940, 7.4839, 4.8077** is the 20% darker color. If you saturate the color by 10%, you get **31.6667, 17.9592, 11.2829**, and if you desaturate by 10%, it is **36.3371, 24.4906, 21.5002**.

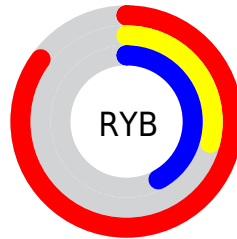
Distribution



Red (85%)

Green (29%)

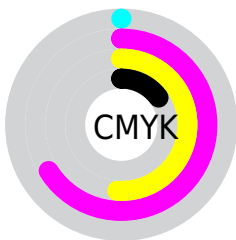
Blue (42%)



Red (85%)

Yellow (29%)

Blue (42%)

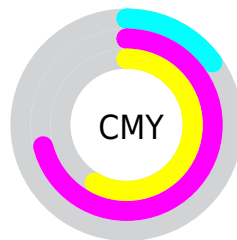


Cyan (0%)

Magenta (66%)

Yellow (51%)

Black (15%)



Cyan (15%)

Magenta (71%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6656, 20.6899, 15.8548 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 33.6656, 20.6899, 15.8548 by changing the saturation by 10% instead.

 33.6656, 20.6899,
15.8548


 33.6656, 20.6899,
15.8548

310.2506,
255.6259, 240.2998

 22.7985, 12.8975,
9.2682


 64.7611, 44.5709,
37.1092

 14.5647, 7.3580,
4.8173


 85.7201, 61.4282,
52.6142


 8.5987, 3.6870,
2.0836


 110.7739, 82.0761,
71.9289

 4.5354, 1.5001,
0.6060

 140.2877,
106.8988, 95.4721

 2.0093, 0.2888,
0.0000

 174.6269,
136.2807, 123.6623

 0.6392, 0.0000,
0.0000

214.1569,

 0.0000, 0.0000,

170.6062, 156.9179

0.0000

259.2430,
210.2598, 195.6576

■ 33.6656, 20.6899,
15.8548

■ 33.6656, 20.6899,
15.8548

■ 31.6667, 17.9592,
11.2829

■ 36.3371, 24.4906,
21.5002

■ 30.2749, 16.1833,
7.7121

■ 39.7351, 29.4541,
28.2824

■ 29.4127, 15.2254,
5.0618

■ 43.9098, 35.6670,
36.2609

■ 29.1601, 14.9696,
4.2087

■ 48.9064, 43.2065,
45.4905

■ 54.7665, 52.1440,
56.0228

■ 61.5289, 62.5452,
67.9062

■ 69.2299, 74.4720,
81.1867

■ 77.9039, 87.9827,
95.9081

■ 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



33.3126, 20.6899, 34.2304



33.6656, 20.6899, 15.8548



29.7429, 20.6899, 6.4463

Triad

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



33.6656, 20.6899, 15.8548



12.6653, 20.6899, 5.6413



16.3409, 20.6899, 73.0584

Complementary

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



33.6656, 20.6899, 15.8548



36.3954, 54.5849, 54.5213

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.



12.1676, 20.6899, 54.3296



33.6656, 20.6899, 15.8548



10.3707, 20.6899, 13.8521

Square

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



33.6656, 20.6899, 15.8548



17.1712, 20.6899, 2.9764



10.2100, 20.6899, 30.8511



22.3896, 20.6899, 74.6227

Rectangle

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



33.6656, 20.6899, 15.8548



25.6287, 20.6899, 3.8116



10.2100, 20.6899, 30.8511



14.7069, 20.6899, 68.2404

Sweetspot

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



33.6661, 20.6911, 15.8551



75.1514, 69.3731, 73.9962



34.6536, 20.0539, 67.6898



15.5783, 14.0758, 14.9250



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.



33.6661, 20.6911, 15.8551



44.7723, 24.7503, 14.1270



35.6612, 26.8654, 9.7861



13.1747, 13.0990, 14.1814



17.6850, 9.0750, 2.7212



1.1785, 0.6010, 0.3488

Inverse Universe

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



33.6661, 20.6911, 15.8551



44.7723, 24.7503, 14.1270



31.4429, 38.6536, 71.4492



13.1747, 13.0990, 14.1814



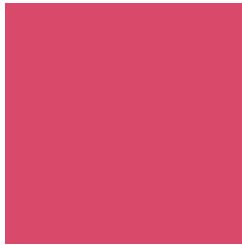
17.6850, 9.0750, 2.7212



1.1785, 0.6010, 0.3488

Previews

White Background



This preview shows how the XYZ color 33.6656, 20.6899, 15.8548 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 33.6656, 20.6899, 15.8548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

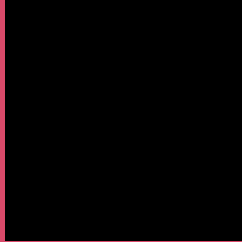
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.6656, 20.6899, 15.8548

Background



This preview shows how black text looks on a background with the XYZ color 33.6656, 20.6899, 15.8548.



This preview shows how white text looks on a background with the XYZ color 33.6656, 20.6899,

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

33.6656, 20.6899, 15.8548

Protanopia

20.1714, 20.7963, 25.1412

Deuteranopia

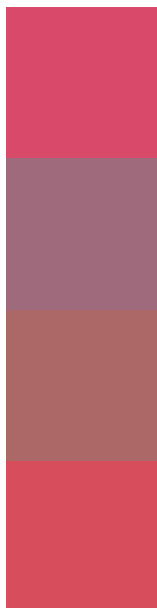
21.1221, 20.7786, 14.7018



Tritanopia

32.6046, 20.6722, 10.4553

Trichromacy



Original Color

33.6656, 20.6899, 15.8548

Protanomaly

23.0273, 19.1091, 21.2136

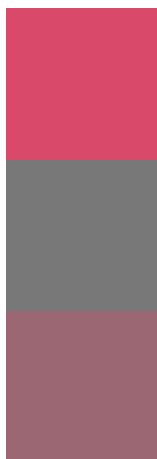
Deuteranomaly

24.3618, 19.6306, 15.0754

Tritanomaly

32.8611, 20.6620, 12.1537

Monochromacy



Original Color

33.6656, 20.6899, 15.8548

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

21.4623, 17.9069, 18.5448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6656, 20.6899, 15.8548 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(217, 74, 106)` looks like.

```
.text, #text, p{  
    color:rgb(217, 74, 106)  
}
```

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(217, 74, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 74, 106) }
```

Border

The CSS property to change the border of an element to XYZ 33.6656, 20.6899, 15.8548 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(217, 74, 106) }
```


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

```
.border{ border-color:rgb(217, 74, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 74, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 74, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 74, 106);  
box-shadow:4px 4px 4px 4px rgb(217, 74,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6656, 20.6899, 15.8548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 74, 106) }
```

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

```
.background{ background-color: rgb(217, 74,  
106) }
```

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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