

Converting Colors

XYZ(33.4762, 23.5328, 20.2307)

Have a look what the booklet for
XYZ(33.4762, 23.5328, 20.2307)
contains.

XYZ(33.5237, 23.5210, 20.2259)	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(33.5237, 23.5210,
20.2259)**

Conversions

Conversions Part 1

Format	Color
Hex	CF6377
RGB	207, 99, 119
RGB Percent	81%, 39%, 47%
CMY	0.1882, 0.6117, 0.5333
CMYK	0.00, 0.52, 0.43, 0.19
HSL	349°, 53%, 60%
HSV	349°, 52%, 81%
XYZ	33.5237, 23.5210, 20.2259
YIQ	133.5720, 57.9480, 29.1160

Conversions

Conversions Part 2

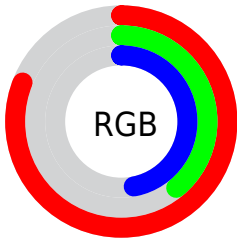
Format	Color
R_{YB}	207, 99, 119
Decimal	13591415
CIE _{Lab}	55.60, 44.63, 9.34
CIE _{LCh}	56, 45.596, 11.822
Yxy	23.5210, 0.4338, 0.3044
Android (android.graphics.Color)	4291781495 (0xFFCF6377)
YUV	133.5720, -7.1840, 64.3964
Hunter-Lab	48.4985, 38.5127, 9.2225

Details

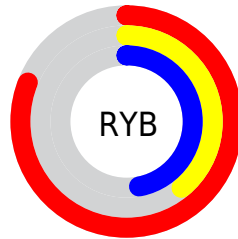
The XYZ color **33.5237, 23.5210, 20.2259** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.4293, 50.8666, 54.9150**, and the grayscale version is **22.5144, 23.6869, 25.7951**.

A 20% lighter version of the original color is **59.9819, 46.9827, 44.4353**, and **14.5088, 8.7985, 6.8948** is the 20% darker color. If you saturate the color by 10%, you get **30.8831, 19.7198, 14.7836**, and if you desaturate by 10%, it is **36.8478, 28.4017, 26.7835**.

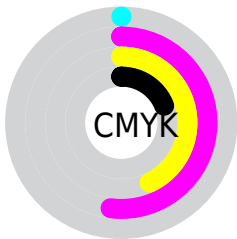
Distribution



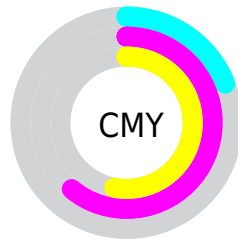
- Red (81%)
- Green (39%)
- Blue (47%)



- Red (81%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (52%)
- Yellow (43%)
- Black (19%)




- Cyan (19%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5237, 23.5210, 20.2259 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 33.5237, 23.5210, 20.2259 by changing the saturation by 10% instead.


 33.5237, 23.5210,
20.2259


 33.5237, 23.5210,
20.2259

309.6264,
270.3898, 265.7800


 22.6891, 14.9787,
12.3737


 64.5415, 49.2474,
44.6595


 14.4835, 8.8044,
6.8731


 85.4554, 67.2003,
62.0780

 8.5417, 4.6138,
3.3056


 110.4598, 89.0588,
83.5223

 4.4982, 2.0225,
1.2527

 139.9201,
115.2073, 109.4110

 1.9876, 0.6205,
0.0226

174.2015,
146.0303, 140.1625

 0.6270, 0.0000,
0.0000

213.6694,

 0.0000, 0.0000,

181.9121, 176.1955

0.0000

258.6893,
223.2371, 217.9285

■ 33.5237, 23.5210,
20.2259

■ 33.5237, 23.5210,
20.2259

■ 30.8831, 19.7198,
14.7836

■ 36.8478, 28.4017,
26.7835

■ 28.8756, 16.9121,
10.3922

■ 40.8976, 34.4318,
34.5132

■ 27.4463, 15.0049,
6.9824

■ 45.7137, 41.6796,
43.4694

■ 26.5297, 13.8858,
4.4756

■ 51.3335, 50.2073,
53.7027

■ 26.0871, 13.4074,
3.0742

■ 57.7915, 60.0724,
65.2608

■ 65.1205, 71.3293,
78.1889

■ 73.3513, 84.0291,
92.5302

■ 79.3720, 91.9373,
107.2787

■ 79.5420, 92.0053,
108.1742

Harmonies

Analogous

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



33.1525, 23.5210, 35.5221



33.5237, 23.5210, 20.2259



30.5824, 23.5210, 10.9663

Triad

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



33.5237, 23.5210, 20.2259



16.3787, 23.5210, 9.7502



19.4052, 23.5210, 63.1362

Complementary

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



33.5237, 23.5210, 20.2259



36.4293, 50.8666, 54.9150

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.



15.7554, 23.5210, 49.5740



33.5237, 23.5210, 20.2259



14.2020, 23.5210, 17.7387

Square

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



33.5237, 23.5210, 20.2259



20.3870, 23.5210, 6.6667



13.9929, 23.5210, 31.8745



24.4479, 23.5210, 64.6341

Rectangle

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



33.5237, 23.5210, 20.2259



27.3687, 23.5210, 7.8570



13.9929, 23.5210, 31.8745



17.9961, 23.5210, 59.6497

Sweetspot

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



33.5243, 23.5222, 20.2263



78.4891, 74.7152, 79.2190



35.8294, 23.7942, 61.7356



16.3987, 15.3834, 16.2255



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.



33.5243, 23.5222, 20.2263



48.9179, 30.7854, 22.4636



36.1552, 30.5078, 15.7891



11.8969, 11.8435, 12.7327



16.4618, 8.4576, 2.0722



0.9479, 0.4839, 0.2604

Inverse Universe

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



33.5243, 23.5222, 20.2263



48.9179, 30.7854, 22.4636



31.6613, 37.6631, 64.6322



11.8969, 11.8435, 12.7327



16.4618, 8.4576, 2.0722



0.9479, 0.4839, 0.2604

Previews

White Background



This preview shows how the XYZ color 33.5237, 23.5210, 20.2259 looks on a white background.

Color Contrast Check

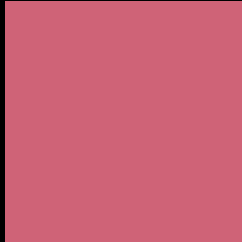
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5237, 23.5210, 20.2259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

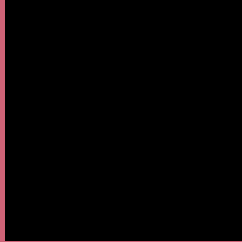
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.5237, 23.5210, 20.2259

Background



This preview shows how black text looks on a background with the XYZ color 33.5237, 23.5210, 20.2259.



This preview shows how white text looks on a background with the XYZ color 33.5237, 23.5210,

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

33.5237, 23.5210, 20.2259

Protanopia

22.8946, 23.7321, 27.0410

Deuteranopia

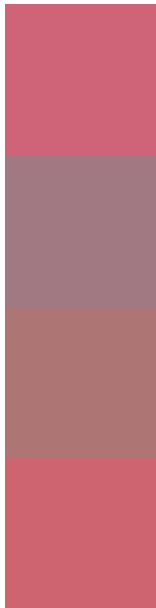
24.2139, 23.7854, 19.2344



Tritanopia

32.8141, 23.5119, 16.9961

Trichromacy



Original Color

33.5237, 23.5210, 20.2259

Protanomaly

25.5646, 22.8635, 24.1848

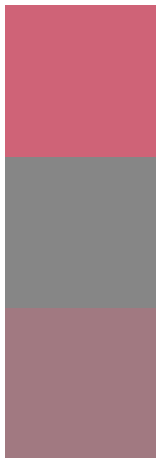
Deuteranomaly

26.8644, 23.1021, 19.5662

Tritanomaly

32.9354, 23.4060, 18.1112

Monochromacy



Original Color

33.5237, 23.5210, 20.2259

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.4978, 22.8368, 23.8329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5237, 23.5210, 20.2259 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(207, 99, 119)` looks like.

```
.text, #text, p{  
    color:rgb(207, 99, 119)  
}
```

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(207, 99, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 99, 119) }
```

Border

The CSS property to change the border of an element to XYZ 33.5237, 23.5210, 20.2259 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(207, 99, 119) }
```


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

```
.border{ border-color:rgb(207, 99, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 99, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 99, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 99, 119);  
box-shadow:4px 4px 4px 4px rgb(207, 99,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5237, 23.5210, 20.2259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 99, 119) }
```

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

```
.background{ background-color: rgb(207, 99,  
119) }
```

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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