

Converting Colors

XYZ(33.6207, 23.5598, 20.7363)

Have a look what the booklet for
XYZ(33.6207, 23.5598, 20.7363)
contains.

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Color

**XYZ(33.6452, 23.5696,
20.8652)**

Conversions

Conversions Part 1

Format	Color
Hex	CF6379
RGB	207, 99, 121
RGB Percent	81%, 39%, 47%
CMY	0.1882, 0.6117, 0.5255
CMYK	0.00, 0.52, 0.42, 0.19
HSL	348°, 53%, 60%
HSV	348°, 52%, 81%
XYZ	33.6452, 23.5696, 20.8652
YIQ	133.8000, 57.3060, 29.7380

Conversions

Conversions Part 2

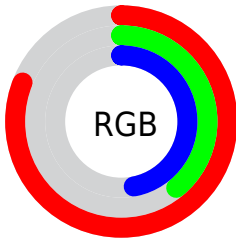
Format	Color
R_{YB}	207, 99, 121
Decimal	13591417
CIE _{Lab}	55.65, 44.84, 8.24
CIE _{LCh}	56, 45.593, 10.407
Yxy	23.5696, 0.4309, 0.3019
Android (android.graphics.Color)	4291781497 (0xFFCF6379)
YUV	133.8000, -6.3104, 64.1964
Hunter-Lab	48.5485, 38.7445, 8.5023

Details

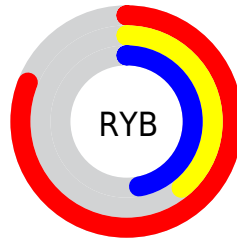
The XYZ color **33.6452, 23.5696, 20.8652** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.2167, 50.7817, 53.7953**, and the grayscale version is **22.5951, 23.7718, 25.8875**.

A 20% lighter version of the original color is **60.1741, 47.0596, 45.4471**, and **14.5740, 8.8246, 7.2385** is the 20% darker color. If you saturate the color by 10%, you get **31.0034, 19.7679, 15.4161**, and if you desaturate by 10%, it is **36.9636, 28.4480, 27.3925**.

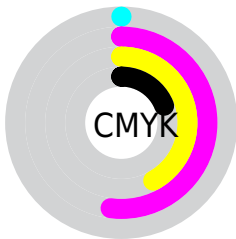
Distribution



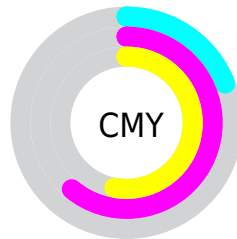
- Red (81%)
- Green (39%)
- Blue (47%)



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



- Cyan (0%)
- Magenta (52%)
- Yellow (42%)
- Black (19%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6452, 23.5696, 20.8652 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 33.6452, 23.5696, 20.8652 by changing the saturation by 10% instead.


 33.6452, 23.5696,
20.8652


 33.6452, 23.5696,
20.8652

310.1609,
270.6372, 269.3187


 22.7828, 15.0147,
12.8352


 64.7295, 49.3269,
45.7410


 14.5530, 8.8297,
7.1858


 85.6821, 67.2981,
63.4238

 8.5905, 4.6303,
3.4984


 110.7288, 89.1768,
85.1614

 4.5300, 2.0320,
1.3544

 140.2349,
115.3475, 111.3722

 2.0061, 0.6260,
0.1058

174.5658,
146.1944, 142.4748

 0.6374, 0.0000,
0.0000

214.0869,

 0.0000, 0.0000,

182.1021, 178.8877

0.0000

259.1635,
223.4549, 221.0295

■ 33.6452, 23.5696,
20.8652

■ 33.6452, 23.5696,
20.8652

■ 31.0034, 19.7679,
15.4161

■ 36.9636, 28.4480,
27.3925

■ 28.9882, 16.9571,
10.9847

■ 40.9999, 34.4727,
35.0513

■ 27.5458, 15.0447,
7.5059

■ 45.7943, 41.7119,
43.8930

■ 26.6116, 13.9186,
4.9064

■ 51.3834, 50.2273,
53.9653

■ 26.1529, 13.4337,
3.4199

■ 57.8016, 60.0765,
65.3132

■ 65.0809, 71.3136,
77.9796

■ 73.2518, 83.9894,
92.0052

■ 79.2018, 91.8693,
106.3818

■ 79.5421, 92.0054,
108.1742

Harmonies

Analogous

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



33.1088, 23.5696, 36.4187



33.6452, 23.5696, 20.8652



30.8375, 23.5696, 11.3002

Triad

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



33.6452, 23.5696, 20.8652



16.5670, 23.5696, 9.5384



19.2374, 23.5696, 62.8162

Complementary

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



33.6452, 23.5696, 20.8652



36.2167, 50.7817, 53.7953

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.



15.6652, 23.5696, 48.8382



33.6452, 23.5696, 20.8652



14.2953, 23.5696, 17.2661

Square

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



33.6452, 23.5696, 20.8652



20.6574, 23.5696, 6.6341



13.9926, 23.5696, 31.1457



24.2426, 23.5696, 64.9794

Rectangle

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



33.6452, 23.5696, 20.8652



27.6673, 23.5696, 8.0371



13.9926, 23.5696, 31.1457



17.8514, 23.5696, 59.1465

Sweetspot

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



33.6458, 23.5708, 20.8656



78.5904, 74.7557, 79.7528



35.3968, 23.5711, 61.7156



16.4226, 15.3930, 16.3512



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.



33.6458, 23.5708, 20.8656



49.1091, 30.8619, 23.4705



35.9147, 30.0267, 15.7088



11.9058, 11.8471, 12.7798



16.5051, 8.4749, 2.3002



0.9520, 0.4855, 0.2821

Inverse Universe

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



33.6458, 23.5708, 20.8656



49.1091, 30.8619, 23.4705



32.0131, 38.3665, 64.7497



11.9058, 11.8471, 12.7798



16.5051, 8.4749, 2.3002



0.9520, 0.4855, 0.2821

Previews

White Background



This preview shows how the XYZ color 33.6452, 23.5696, 20.8652 looks on a white background.

Color Contrast Check

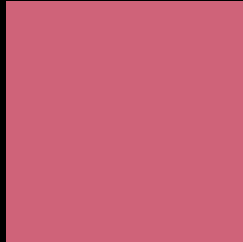
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.6452, 23.5696, 20.8652 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 33.6452, 23.5696, 20.8652

Background



This preview shows how black text looks on a background with the XYZ color 33.6452, 23.5696, 20.8652.



This preview shows how white text looks on a background with the XYZ color 33.6452, 23.5696,

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

33.6452, 23.5696, 20.8652

Protanopia

22.9527, 23.7368, 28.1829

Deuteranopia

24.1395, 23.7338, 19.8318



Tritanopia

32.8141, 23.5119, 16.9961

Trichromacy



Original Color

33.6452, 23.5696, 20.8652

Protanomaly

25.7690, 22.9453, 25.2610

Deuteranomaly

26.9820, 23.1491, 20.1857

Tritanomaly

32.9914, 23.4284, 18.4061

Monochromacy



Original Color

33.6452, 23.5696, 20.8652

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 33.6452, 23.5696, 20.8652 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(207, 99, 121)  
}
```

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, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 99, 121) }
```

Border

The CSS property to change the border of an element to XYZ 33.6452, 23.5696, 20.8652 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, 121) }
```


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

```
.border{ border-color:rgb(207, 99, 121) }
```

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, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 99, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 99, 121);  
box-shadow:4px 4px 4px 4px rgb(207, 99,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6452, 23.5696, 20.8652 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, 121) }
```

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

```
.background{ background-color: rgb(207, 99,  
121) }
```

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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