

Converting Colors

XYZ(33.6885, 23.4182, 16.1092)

Have a look what the booklet for
XYZ(33.6885, 23.4182, 16.1092)
contains.

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Color

**XYZ(33.6885, 23.4182,
16.1092)**

Conversions

Conversions Part 1

Format	Color
Hex	D36169
RGB	211, 97, 105
RGB Percent	83%, 38%, 41%
CMY	0.1725, 0.6196, 0.5882
CMYK	0.00, 0.54, 0.50, 0.17
HSL	356°, 56%, 60%
HSV	356°, 54%, 83%
XYZ	33.6885, 23.4182, 16.1092
YIQ	131.9980, 65.3760, 26.6560

Conversions

Conversions Part 2

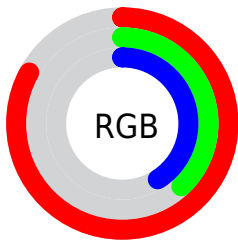
Format	Color
R_{YB}	211, 97, 105
Decimal	13853033
CIE _{Lab}	55.50, 45.66, 17.50
CIE _{LCh}	56, 48.895, 20.969
Yxy	23.4182, 0.4601, 0.3199
Android (android.graphics.Color)	4292043113 (0xFFD36169)
YUV	131.9980, -13.3100, 69.2848
Hunter-Lab	48.3924, 39.5768, 14.1378

Details

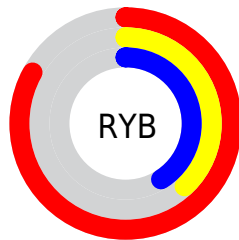
The XYZ color **33.6885, 23.4182, 16.1092** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.0049, 53.4423, 64.7632**, and the grayscale version is **21.9622, 23.1059, 25.1623**.

A 20% lighter version of the original color is **58.3074, 45.7935, 37.2184**, and **14.6133, 8.7823, 4.9279** is the 20% darker color. If you saturate the color by 10%, you get **31.0968, 19.6669, 10.8309**, and if you desaturate by 10%, it is **37.0324, 28.3019, 22.7864**.

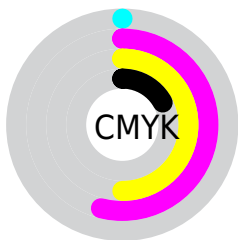
Distribution



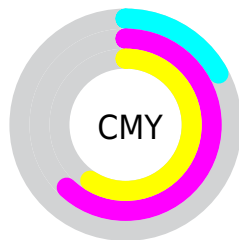
- Red (83%)
- Green (38%)
- Blue (41%)



- Red (83%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (54%)
- Yellow (50%)
- Black (17%)





- Cyan (17%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6885, 23.4182, 16.1092 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 33.6885, 23.4182, 16.1092 by changing the saturation by 10% instead.

 33.6885, 23.4182,
16.1092


 33.6885, 23.4182,
16.1092


310.3513,
269.8657, 241.8529


 22.8162, 14.9026,
9.4463


 64.7965, 49.0791,
37.5571


 14.5778, 8.7511,
4.9326


 85.7628, 66.9932,
53.1792

 8.6080, 4.5792,
2.1497


 110.8245, 88.8089,
72.6247

 4.5414, 2.0025,
0.6451

 140.3470,
114.9107, 96.3122

 2.0128, 0.6089,
0.0000

174.6955,
145.6828, 124.6602

 0.6411, 0.0000,
0.0000

214.2355,

 0.0000, 0.0000,

181.5098, 158.0873

0.0000

259.3323,
222.7760, 197.0120

■ 33.6885, 23.4182,
16.1092

■ 33.6885, 23.4182,
16.1092

■ 31.0968, 19.6669,
10.8309

■ 37.0324, 28.3019,
22.7864

■ 29.1973, 16.9534,
6.8507

■ 41.1790, 34.3950,
30.9509

■ 27.9235, 15.1746,
4.0565

■ 46.1763, 41.7723,
40.6856

■ 27.1952, 14.2037,
2.3162

■ 52.0681, 50.5013,
52.0667

■ 26.9487, 13.8828,
1.7037

■ 58.8952, 60.6448,
65.1654

■ 66.6959, 72.2618,
80.0488

■ 75.5062, 85.4078,
96.7804

■ 80.6739, 92.5889,
108.2272

Harmonies

Analogous

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



34.4458, 23.4182, 30.5638



33.6885, 23.4182, 16.1092



29.6185, 23.4182, 8.4458

Triad

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



33.6885, 23.4182, 16.1092



15.0015, 23.4182, 10.7668



20.6364, 23.4182, 68.7321

Complementary

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



33.6885, 23.4182, 16.1092



39.0049, 53.4423, 64.7632

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.



16.2312, 23.4182, 57.0738



33.6885, 23.4182, 16.1092



13.3494, 23.4182, 21.0261

Square

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



33.6885, 23.4182, 16.1092



18.6784, 23.4182, 6.3648



13.7591, 23.4182, 37.9698



26.2687, 23.4182, 65.6174

Rectangle

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



33.6885, 23.4182, 16.1092



25.8946, 23.4182, 6.2268



13.7591, 23.4182, 37.9698



18.9794, 23.4182, 66.2784

Sweetspot

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



33.6891, 23.4194, 16.1096



77.8696, 74.4674, 75.9568



40.2553, 25.7408, 64.4747



16.2532, 15.3252, 15.4590



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.



33.6891, 23.4194, 16.1096



47.1760, 29.3835, 15.4646



39.0717, 34.8116, 15.9709



11.8419, 11.8215, 12.4432



16.2776, 8.3839, 1.1018



0.9222, 0.4736, 0.1250

Inverse Universe

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



33.6891, 23.4194, 16.1096



47.1760, 29.3835, 15.4646



29.8750, 33.6182, 66.5423



11.8419, 11.8215, 12.4432



16.2776, 8.3839, 1.1018



0.9222, 0.4736, 0.1250

Previews

White Background



This preview shows how the XYZ color 33.6885, 23.4182, 16.1092 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 33.6885, 23.4182, 16.1092 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 33.6885, 23.4182, 16.1092

Background



This preview shows how black text looks on a background with the XYZ color 33.6885, 23.4182, 16.1092.



This preview shows how white text looks on a background with the XYZ color 33.6885, 23.4182,

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

33.6885, 23.4182, 16.1092

Protanopia

22.4439, 23.6084, 22.1128

Deuteranopia

23.9240, 23.5265, 15.3367



Tritanopia

33.6374, 23.3977, 15.8400

Trichromacy



Original Color

33.6885, 23.4182, 16.1092

Protanomaly

25.3859, 22.6932, 19.5652

Deuteranomaly

26.8910, 23.0290, 15.5981

Tritanomaly

33.6374, 23.3977, 15.8400

Monochromacy



Original Color

33.6885, 23.4182, 16.1092

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.8076, 22.1759, 21.3852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6885, 23.4182, 16.1092 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(211, 97, 105)` looks like.

```
.text, #text, p{  
    color:rgb(211, 97, 105)  
}
```

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(211, 97, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 97, 105) }
```

Border

The CSS property to change the border of an element to XYZ 33.6885, 23.4182, 16.1092 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(211, 97, 105) }
```


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

```
.border{ border-color:rgb(211, 97, 105) }
```

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

Here you see how a box with a 4 pixel rgb(211, 97, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 97, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 97, 105);  
box-shadow:4px 4px 4px 4px rgb(211, 97,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6885, 23.4182, 16.1092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 97, 105) }
```

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

```
.background{ background-color: rgb(211, 97,  
105) }
```

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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