

Converting Colors

XYZ(33.2769, 23.7205, 13.8913)

Have a look what the booklet for
XYZ(33.2769, 23.7205, 13.8913)
contains.

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Color

**XYZ(33.2468, 23.6605,
13.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	D26460
RGB	210, 100, 96
RGB Percent	82%, 39%, 38%
CMY	0.1765, 0.6078, 0.6235
CMYK	0.00, 0.52, 0.54, 0.18
HSL	2°, 56%, 60%
HSV	2°, 54%, 82%
XYZ	33.2468, 23.6605, 13.8810
YIQ	132.4340, 66.8440, 22.0760

Conversions

Conversions Part 2

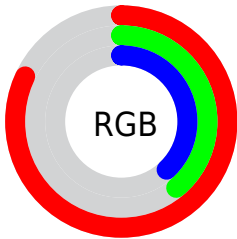
Format	Color
RYB	210, 100, 96
Decimal	13788256
CIELab	55.75, 43.04, 23.04
CIELCh	56, 48.824, 28.160
Yxy	23.6605, 0.4697, 0.3342
Android (android.graphics.Color)	4291978336 (0xFFD26460)
YUV	132.4340, -17.9620, 68.0254
Hunter-Lab	48.6421, 36.8810, 17.1298

Details

The XYZ color **33.2468, 23.6605, 13.8810** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.5265, 51.2795, 68.8398**, and the grayscale version is **22.1357, 23.2885, 25.3611**.

A 20% lighter version of the original color is **57.8977, 46.1490, 33.4599**, and **14.3952, 8.9235, 3.9813** is the 20% darker color. If you saturate the color by 10%, you get **30.6982, 19.9096, 8.8818**, and if you desaturate by 10%, it is **36.5380, 28.4836, 20.4020**.

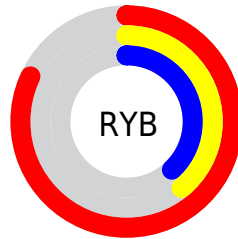
Distribution



Red (82%)

Green (39%)

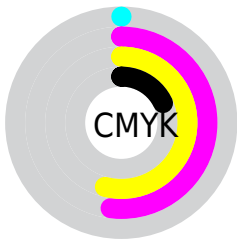
Blue (38%)



Red (82%)

Yellow (39%)

Blue (38%)

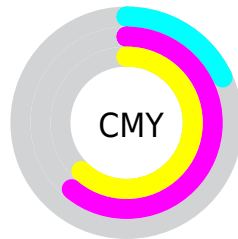


Cyan (0%)

Magenta (52%)

Yellow (54%)

Black (18%)



Cyan (18%)


Magenta (61%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.2468, 23.6605, 13.8810 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 33.2468, 23.6605, 13.8810 by changing the saturation by 10% instead.


 33.2468, 23.6605,
13.8810


 33.2468, 23.6605,
13.8810


308.4057,
271.0996, 227.8919


 22.4757, 15.0820,
7.9001


 64.1128, 49.4756,
33.5918


 14.3254, 8.8769,
3.9443


 84.9383, 67.4810,
48.1588

 8.4306, 4.6610,
1.5948


 109.8461, 89.3974,
66.4250

 4.4258, 2.0498,
0.2871

 139.2015,
115.6094, 88.8089

 1.9457, 0.6361,
0.0000

173.3698,
146.5011, 115.7290

 0.6032, 0.0000,
0.0000

212.7163,

 0.0000, 0.0000,

182.4572, 147.6038

0.0000

257.6065,
223.8618, 184.8519

■ 33.2468, 23.6605,
13.8810

■ 33.2468, 23.6605,
13.8810

■ 30.6982, 19.9096,
8.8818

■ 36.5380, 28.4836,
20.4020

■ 28.8330, 17.1457,
5.2799

■ 40.6215, 34.4483,
28.5533

■ 27.5855, 15.2770,
2.9338

■ 45.5450, 41.6222,
38.4347

■ 26.8767, 14.1925,
1.6707

■ 51.3515, 50.0670,
50.1378

■ 26.6583, 13.8617,
1.2705

■ 58.0815, 59.8399,
63.7478

■ 65.7727, 70.9947,
79.3445

■ 74.4608, 83.5823,
97.0030

■ 80.3882, 92.4416,
108.2138

Harmonies

Analogous

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



34.9026, 23.6605, 26.7539



33.2468, 23.6605, 13.8810



28.5886, 23.6605, 7.5658

Triad

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



33.2468, 23.6605, 13.8810



14.5993, 23.6605, 12.7880



22.1484, 23.6605, 69.8602

Complementary

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



33.2468, 23.6605, 13.8810



38.5265, 51.2795, 68.8398

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.



17.3246, 23.6605, 61.3372



33.2468, 23.6605, 13.8810



13.4343, 23.6605, 24.7954

Square

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



33.2468, 23.6605, 13.8810



17.8270, 23.6605, 7.1414



14.3445, 23.6605, 43.0068



27.8993, 23.6605, 63.0997

Rectangle

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



33.2468, 23.6605, 13.8810



24.7455, 23.6605, 5.9547



14.3445, 23.6605, 43.0068



20.3733, 23.6605, 68.6361

Sweetspot

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



33.2474, 23.6618, 13.8814



77.8653, 75.0495, 74.1344



41.9260, 26.5334, 61.4314



16.2521, 15.4614, 15.0322



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.



33.2474, 23.6618, 13.8814



47.1526, 30.1833, 12.8471



40.7127, 38.5925, 16.3699



11.8416, 11.8738, 12.2798



16.2766, 8.4862, 0.7801



0.9221, 0.4984, 0.0476

Inverse Universe

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



38.5265, 51.2795, 68.8398



56.1239, 77.2162, 106.5539



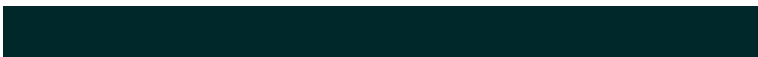
27.2359, 28.6983, 65.0762



12.1213, 13.3328, 15.1783



20.0843, 28.8152, 41.6958



1.1344, 1.6339, 2.3352

Previews

White Background



This preview shows how the XYZ color 33.2468, 23.6605, 13.8810 looks on a white background.

Color Contrast Check

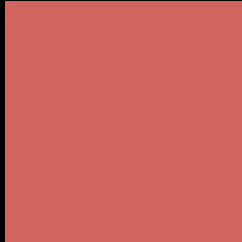
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.2468, 23.6605, 13.8810 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 33.2468, 23.6605, 13.8810

Background



This preview shows how black text looks on a background with the XYZ color 33.2468, 23.6605, 13.8810.



This preview shows how white text looks on a background with the XYZ color 33.2468, 23.6605,

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

33.2468, 23.6605, 13.8810

Protanopia

22.5497, 23.9487, 18.4730

Deuteranopia

24.1047, 23.6673, 13.1953



Tritanopia

33.8756, 23.7925, 16.1716

Trichromacy



Original Color

33.2468, 23.6605, 13.8810

Protanomaly

25.4974, 23.1752, 16.7651

Deuteranomaly

26.8143, 23.2122, 13.4231

Tritanomaly

33.7241, 23.7319, 15.3736

Monochromacy



Original Color

33.2468, 23.6605, 13.8810

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.5434, 22.2384, 20.4516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2468, 23.6605, 13.8810 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(210, 100, 96)` looks like.

```
.text, #text, p{  
    color:rgb(210, 100, 96)  
}
```

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(210, 100, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 100, 96) }
```

Border

The CSS property to change the border of an element to XYZ 33.2468, 23.6605, 13.8810 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(210, 100, 96) }
```


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

```
.border{ border-color:rgb(210, 100, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 100, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 100, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 100, 96);  
box-shadow:4px 4px 4px 4px rgb(210, 100,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2468, 23.6605, 13.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 100, 96) }
```

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

```
.background{ background-color: rgb(210,  
100, 96) }
```

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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