

Converting Colors

XYZ(32.7735, 23.1352, 13.8045)

Have a look what the booklet for
XYZ(32.7735, 23.1352, 13.8045)
contains.

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Color

**XYZ(32.7735, 23.1352,
13.8045)**

Conversions

Conversions Part 1

Format	Color
Hex	D16260
RGB	209, 98, 96
RGB Percent	82%, 38%, 38%
CMY	0.1804, 0.6157, 0.6235
CMYK	0.00, 0.53, 0.54, 0.18
HSL	1°, 55%, 60%
HSV	1°, 54%, 82%
XYZ	32.7735, 23.1352, 13.8045
YIQ	130.9610, 66.7980, 22.9100

Conversions

Conversions Part 2

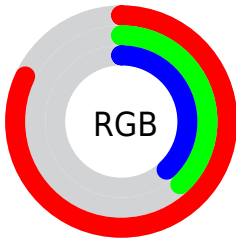
Format	Color
RYB	209, 98, 96
Decimal	13722208
CIELab	55.21, 43.67, 22.30
CIELCh	55, 49.037, 27.056
Yxy	23.1352, 0.4701, 0.3319
Android (android.graphics.Color)	4291912288 (0xFFD16260)
YUV	130.9610, -17.2358, 68.4402
Hunter-Lab	48.0991, 37.4521, 16.6530

Details

The XYZ color **32.7735, 23.1352, 13.8045** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.6438, 51.7128, 68.2662**, and the grayscale version is **21.6031, 22.7281, 24.7509**.

A 20% lighter version of the original color is **57.7347, 45.8231, 33.4055**, and **14.1304, 8.6683, 3.9460** is the 20% darker color. If you saturate the color by 10%, you get **30.2553, 19.4395, 8.8323**, and if you desaturate by 10%, it is **36.0412, 27.9207, 20.2887**.

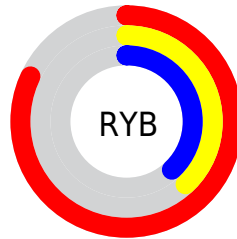
Distribution



Red (82%)

Green (38%)

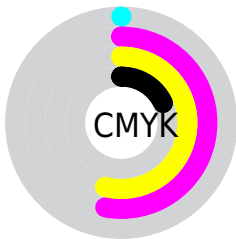
Blue (38%)



Red (82%)

Yellow (38%)

Blue (38%)

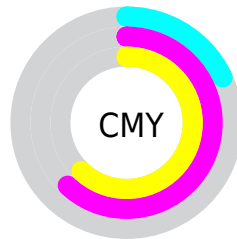


Cyan (0%)

Magenta (53%)

Yellow (54%)

Black (18%)



Cyan (18%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7735, 23.1352, 13.8045 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 32.7735, 23.1352, 13.8045 by changing the saturation by 10% instead.


 32.7735, 23.1352,
13.8045


 32.7735, 23.1352,
13.8045

306.3109,
268.4186, 227.3972


 22.1114, 14.6934,
7.8476


 63.3788, 48.6152,
33.4539

 14.0558, 8.6045,
3.9112


 84.0527, 66.4222,
47.9834

 8.2415, 4.4841,
1.5768


 108.7946, 88.1197,
66.2076

 4.3029, 1.9479,
0.2742

 137.9698,
114.0921, 88.5450

 1.8749, 0.5769,
0.0000

171.9436,
144.7238, 115.4141

 0.5622, 0.0000,
0.0000

211.0816,

 0.0000, 0.0000,

180.3992, 147.2335

0.0000

255.7489,
221.5027, 184.4217

■ 32.7735, 23.1352,
13.8045

■ 32.7735, 23.1352,
13.8045

■ 30.2553, 19.4395,
8.8323

■ 36.0412, 27.9207,
20.2887

■ 28.4256, 16.7447,
5.2487

■ 40.1094, 33.8684,
28.3924

■ 27.2168, 14.9541,
2.9130

■ 45.0269, 41.0490,
38.2149

■ 26.5469, 13.9502,
1.6543

■ 50.8380, 49.5263,
49.8471

■ 26.3347, 13.6358,
1.2440

■ 57.5838, 59.3598,
63.3734

■ 65.3031, 70.6053,
78.8731

■ 74.0323, 83.3155,
96.4208

■ 80.1044, 92.2953,
108.2006

Harmonies

Analogous

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



34.2828, 23.1352, 26.7725



32.7735, 23.1352, 13.8045



28.2329, 23.1352, 7.4022

Triad

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



32.7735, 23.1352, 13.8045



14.2778, 23.1352, 12.0834



21.4525, 23.1352, 68.9545

Complementary

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



32.7735, 23.1352, 13.8045



38.6438, 51.7128, 68.2662

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.



16.7416, 23.1352, 59.9578



32.7735, 23.1352, 13.8045



13.0543, 23.1352, 23.6717

Square

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



32.7735, 23.1352, 13.8045



17.5355, 23.1352, 6.7379



13.8758, 23.1352, 41.5643



27.1398, 23.1352, 62.7640

Rectangle

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



32.7735, 23.1352, 13.8045



24.4355, 23.1352, 5.7390



13.8758, 23.1352, 41.5643



19.7121, 23.1352, 67.5414

Sweetspot

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



32.7741, 23.1364, 13.8049



77.6843, 74.6876, 74.0741



41.7541, 26.4318, 62.0073



16.2097, 15.3767, 15.0181



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.



32.7741, 23.1364, 13.8049



46.8975, 29.6732, 12.7620



40.0248, 37.6378, 16.2218



11.8253, 11.8413, 12.2744



16.2448, 8.4227, 0.7695



0.9144, 0.4830, 0.0450

Inverse Universe

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



38.6438, 51.7128, 68.2662



57.0223, 79.0132, 106.8534



27.3376, 29.1004, 64.4975



12.1396, 13.3696, 15.1844



20.6074, 29.8614, 41.8702



1.1581, 1.6814, 2.3431

Previews

White Background



This preview shows how the XYZ color 32.7735, 23.1352, 13.8045 looks on a white background.

Color Contrast Check

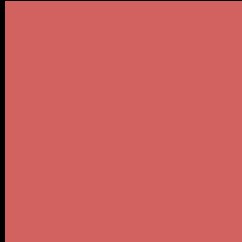
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7735, 23.1352, 13.8045 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 32.7735, 23.1352, 13.8045

Background



This preview shows how black text looks on a background with the XYZ color 32.7735, 23.1352, 13.8045.



This preview shows how white text looks on a background with the XYZ color 32.7735, 23.1352,

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

32.7735, 23.1352, 13.8045

Protanopia

21.9911, 23.2478, 18.6575

Deuteranopia

23.7758, 23.3050, 13.1427



Tritanopia

33.0679, 23.1042, 15.8134

Trichromacy



Original Color

32.7735, 23.1352, 13.8045

Protanomaly

24.8350, 22.4729, 16.6644

Deuteranomaly

26.3526, 22.6282, 13.3347

Tritanomaly

32.9182, 23.0443, 15.0249

Monochromacy



Original Color

32.7735, 23.1352, 13.8045

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.1649, 21.8726, 20.0877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7735, 23.1352, 13.8045 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(209, 98, 96)` looks like.

```
.text, #text, p{  
    color:rgb(209, 98, 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(209, 98, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 98, 96) }
```

Border

The CSS property to change the border of an element to XYZ 32.7735, 23.1352, 13.8045 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(209, 98, 96) }
```


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

```
.border{ border-color:rgb(209, 98, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 98, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 98, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 98, 96);  
box-shadow:4px 4px 4px 4px rgb(209, 98,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7735, 23.1352, 13.8045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 98, 96) }
```

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

```
.background{ background-color: rgb(209, 98,  
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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