

Converting Colors

XYZ(32.7438, 23.2090, 16.1186)

Have a look what the booklet for
XYZ(32.7438, 23.2090, 16.1186)
contains.

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Color

**XYZ(32.7438, 23.2090,
16.1186)**

Conversions

Conversions Part 1

Format	Color
Hex	CF6369
RGB	207, 99, 105
RGB Percent	81%, 39%, 41%
CMY	0.1882, 0.6117, 0.5882
CMYK	0.00, 0.52, 0.49, 0.19
HSL	357°, 53%, 60%
HSV	357°, 52%, 81%
XYZ	32.7438, 23.2090, 16.1186
YIQ	131.9760, 62.4420, 24.7620

Conversions

Conversions Part 2

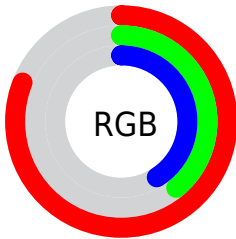
Format	Color
R_{YB}	207, 99, 105
Decimal	13591401
CIE _{Lab}	55.29, 43.24, 17.11
CIE _{LCh}	55, 46.500, 21.588
Yxy	23.2090, 0.4543, 0.3220
Android (android.graphics.Color)	4291781481 (0xFFCF6369)
YUV	131.9760, -13.2992, 65.7960
Hunter-Lab	48.1757, 37.0144, 13.8858

Details

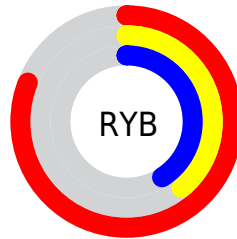
The XYZ color **32.7438, 23.2090, 16.1186** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.0024, 51.4959, 63.1985**, and the grayscale version is **21.9549, 23.0982, 25.1540**.

A 20% lighter version of the original color is **58.4690, 46.1168, 37.2723**, and **13.9930, 8.6344, 4.9321** is the 20% darker color. If you saturate the color by 10%, you get **30.1359, 19.4209, 10.8486**, and if you desaturate by 10%, it is **36.0864, 28.0971, 22.7736**.

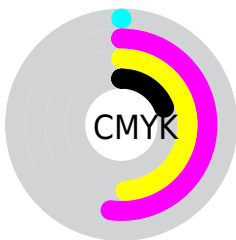
Distribution



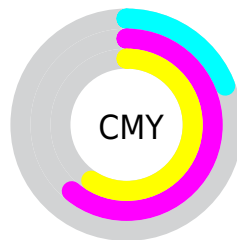
- Red (81%)
- Green (39%)
- Blue (41%)



- Red (81%)
- Yellow (39%)
- Blue (41%)



- Cyan (0%)
- Magenta (52%)
- Yellow (49%)
- Black (19%)





- Cyan (19%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7438, 23.2090, 16.1186 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 32.7438, 23.2090, 16.1186 by changing the saturation by 10% instead.


 32.7438, 23.2090,
16.1186


 32.7438, 23.2090,
16.1186


306.1791,
268.7966, 241.9101

 22.0885, 14.7479,
9.4529


 63.3327, 48.7363,
37.5736

 14.0389, 8.6427,
4.9369


 83.9970, 66.5713,
53.2000

 8.2296, 4.5088,
2.1522


 108.7285, 88.2996,
72.6503

 4.2953, 1.9621,
0.6466

 137.8923,
114.3058, 96.3431

 1.8705, 0.5853,
0.0000

171.8540,
144.9742, 124.6970

 0.5596, 0.0000,
0.0000

210.9787,

 0.0000, 0.0000,

180.6893, 158.1304

0.0000

255.6320,
221.8353, 197.0619

■ 32.7438, 23.2090,
16.1186

■ 32.7438, 23.2090,
16.1186

■ 30.1359, 19.4209,
10.8486

■ 36.0864, 28.0971,
22.7736

■ 28.2058, 16.6441,
6.8646

■ 40.2116, 34.1573,
30.9004

■ 26.8908, 14.7827,
4.0569

■ 45.1652, 41.4602,
40.5804

■ 26.1159, 13.7203,
2.2964

■ 50.9890, 50.0695,
51.8886

■ 25.7954, 13.2907,
1.5375

■ 57.7220, 60.0446,
64.8950

■ 65.4009, 71.4415,
79.6656

■ 74.0603, 84.3127,
96.2631

■ 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.



33.5238, 23.2090, 29.7033



32.7438, 23.2090, 16.1186



28.8853, 23.2090, 8.8006

Triad

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



32.7438, 23.2090, 16.1186



15.1059, 23.2090, 11.3108



20.6265, 23.2090, 65.5879

Complementary

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



32.7438, 23.2090, 16.1186



38.0024, 51.4959, 63.1985

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.



16.4037, 23.2090, 55.0654



32.7438, 23.2090, 16.1186



13.5614, 23.2090, 21.3025

Square

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



32.7438, 23.2090, 16.1186



18.5761, 23.2090, 6.8827



13.9960, 23.2090, 37.3606



25.9532, 23.2090, 62.4234

Rectangle

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



32.7438, 23.2090, 16.1186



25.3763, 23.2090, 6.6568



13.9960, 23.2090, 37.3606



19.0450, 23.2090, 63.4220

Sweetspot

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



32.7444, 23.2102, 16.1190



77.7921, 74.4364, 75.5487



39.4910, 25.6818, 61.9071



16.2350, 15.3179, 15.3633



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.



32.7444, 23.2102, 16.1190



47.7355, 30.3124, 16.2373



38.2332, 34.6636, 16.4816



11.8350, 11.8187, 12.4067



16.2636, 8.3783, 1.0282



0.9189, 0.4723, 0.1078

Inverse Universe

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



32.7444, 23.2102, 16.1190



47.7355, 30.3124, 16.2373



29.0147, 32.3700, 63.7502



11.8350, 11.8187, 12.4067



16.2636, 8.3783, 1.0282



0.9189, 0.4723, 0.1078

Previews

White Background



This preview shows how the XYZ color 32.7438, 23.2090, 16.1186 looks on a white background.

Color Contrast Check

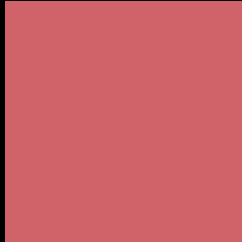
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7438, 23.2090, 16.1186 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 32.7438, 23.2090, 16.1186

Background



This preview shows how black text looks on a background with the XYZ color 32.7438, 23.2090, 16.1186.



This preview shows how white text looks on a background with the XYZ color 32.7438, 23.2090,

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

32.7438, 23.2090, 16.1186

Protanopia

22.1837, 23.2863, 21.4147

Deuteranopia

23.5999, 23.1668, 15.2844



Tritanopia

32.7955, 23.2297, 16.3909

Trichromacy



Original Color

32.7438, 23.2090, 16.1186

Protanomaly

24.9152, 22.4573, 19.2412

Deuteranomaly

26.4388, 22.7958, 15.5769

Tritanomaly

32.7955, 23.2297, 16.3909

Monochromacy



Original Color

32.7438, 23.2090, 16.1186

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.5274, 22.2090, 21.4064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7438, 23.2090, 16.1186 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(207, 99, 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(207, 99, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 99, 105) }
```

Border

The CSS property to change the border of an element to XYZ 32.7438, 23.2090, 16.1186 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, 105) }
```


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

```
.border{ border-color:rgb(207, 99, 105) }
```

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, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 99, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 99, 105);  
box-shadow:4px 4px 4px 4px rgb(207, 99,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7438, 23.2090, 16.1186 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, 105) }
```

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

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