

Converting Colors

XYZ(32.3512, 23.7106, 15.2934)

Have a look what the booklet for
XYZ(32.3512, 23.7106, 15.2934)
contains.

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Color

**XYZ(32.4761, 23.8194,
15.1978)**

Conversions

Conversions Part 1

Format	Color
Hex	CD6865
RGB	205, 104, 101
RGB Percent	80%, 41%, 40%
CMY	0.1961, 0.5921, 0.6039
CMYK	0.00, 0.49, 0.51, 0.20
HSL	2°, 51%, 60%
HSV	2°, 51%, 80%
XYZ	32.4761, 23.8194, 15.1978
YIQ	133.8570, 61.1590, 20.4790

Conversions

Conversions Part 2

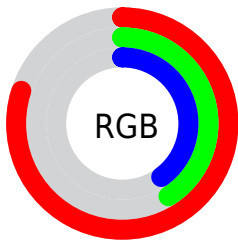
Format	Color
R_{YB}	205, 104, 101
Decimal	13461605
CIE Lab	55.91, 39.61, 20.23
CIE LCh	56, 44.478, 27.056
Yxy	23.8194, 0.4543, 0.3332
Android (android.graphics.Color)	4291651685 (0xFFCD6865)
YUV	133.8570, -16.1985, 62.3924
Hunter-Lab	48.8051, 33.3692, 15.7008

Details

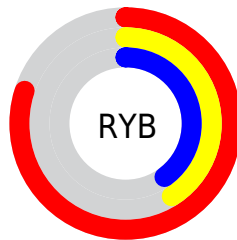
The XYZ color **32.4761, 23.8194, 15.1978** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.5053, 49.4125, 65.3181**, and the grayscale version is **22.6501, 23.8297, 25.9505**.

A 20% lighter version of the original color is **58.9645, 47.6409, 35.7936**, and **13.9716, 9.0156, 4.4938** is the 20% darker color. If you saturate the color by 10%, you get **29.8213, 19.9218, 9.9603**, and if you desaturate by 10%, it is **35.8556, 28.7656, 21.9131**.

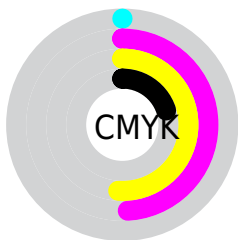
Distribution



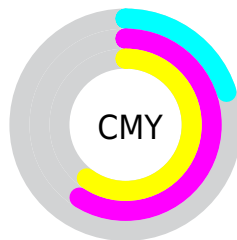
- Red (80%)
- Green (41%)
- Blue (40%)



- Red (80%)
- Yellow (41%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (51%)
- Black (20%)





- Cyan (20%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4761, 23.8194, 15.1978 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 32.4761, 23.8194, 15.1978 by changing the saturation by 10% instead.

 32.4761, 23.8194,
15.1978


 32.4761, 23.8194,
15.1978


304.9893,
271.9062, 236.2422


 21.8827, 15.1997,
8.8102


 62.9169, 49.7353,
35.9470

 13.8869, 8.9597,
4.5224


 83.4950, 67.8003,
51.1457

 8.1232, 4.7149,
1.9161


 108.1321, 89.7826,
70.1184

 4.2263, 2.0810,
0.5030

 137.1935,
116.0665, 93.2837

 1.8310, 0.6539,
0.0000

171.0445,
147.0364, 121.0603

 0.5362, 0.0000,
0.0000

210.0506,

 0.0000, 0.0000,

183.0767, 153.8665

0.0000

254.5771,
224.5718, 192.1210

■ 32.4761, 23.8194,
15.1978

■ 32.4761, 23.8194,
15.1978

■ 29.8213, 19.9218,
9.9603

■ 35.8556, 28.7656,
21.9131

■ 27.8366, 16.9938,
6.0881

■ 40.0055, 34.8246,
30.2047

■ 26.4626, 14.9515,
3.4545

■ 44.9699, 42.0595,
40.1643

■ 25.6287, 13.6950,
1.9088

■ 50.7891, 50.5281,
51.8760

■ 25.2410, 13.1077,
1.1997

■ 57.5005, 60.2839,
65.4185

■ 65.1397, 71.3777,
80.8653

■ 73.7400, 83.8572,
98.2864

■ 78.9867, 91.7191,
108.1483

Harmonies

Analogous

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



33.8349, 23.8194, 27.3956



32.4761, 23.8194, 15.1978



28.3644, 23.8194, 8.8551

Triad

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



32.4761, 23.8194, 15.1978



15.4058, 23.8194, 13.5244



22.1427, 23.8194, 64.9924

Complementary

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



32.4761, 23.8194, 15.1978



37.5053, 49.4125, 65.3181

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.



17.7421, 23.8194, 57.1206



32.4761, 23.8194, 15.1978



14.2343, 23.8194, 24.5278

Square

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



32.4761, 23.8194, 15.1978



18.4894, 23.8194, 8.1730



15.0217, 23.8194, 40.8165



27.3686, 23.8194, 59.5821

Rectangle

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



32.4761, 23.8194, 15.1978



24.8938, 23.8194, 7.1343



15.0217, 23.8194, 40.8165



20.5258, 23.8194, 63.7596

Sweetspot

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



32.4767, 23.8206, 15.1982



78.7659, 76.3247, 76.0560



40.6417, 26.6111, 59.6608



16.4271, 15.7079, 15.4098



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.



32.4767, 23.8206, 15.1982



48.4586, 32.0593, 15.5515



39.2027, 37.2727, 17.4402



11.2379, 11.2647, 11.6614



15.7255, 8.1840, 0.7508



0.8206, 0.4408, 0.0418

Inverse Universe

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



37.5053, 49.4125, 65.3181



57.5873, 78.5829, 106.7406



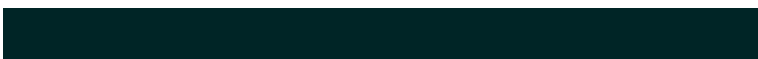
27.4959, 29.3937, 61.9817



11.5144, 12.6692, 14.4089



19.5977, 28.2195, 40.3703



1.0200, 1.4737, 2.0856

Previews

White Background



This preview shows how the XYZ color 32.4761, 23.8194, 15.1978 looks on a white background.

Color Contrast Check

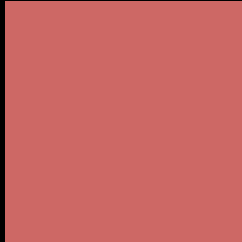
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4761, 23.8194, 15.1978 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 32.4761, 23.8194, 15.1978

Background



This preview shows how black text looks on a background with the XYZ color 32.4761, 23.8194, 15.1978.



This preview shows how white text looks on a background with the XYZ color 32.4761, 23.8194,

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

32.4761, 23.8194, 15.1978

Protanopia

22.6041, 23.9507, 19.6512

Deuteranopia

24.5051, 24.0372, 14.6573



Tritanopia

33.1183, 23.9481, 17.6288

Trichromacy



Original Color

32.4761, 23.8194, 15.1978

Protanomaly

25.2073, 23.1842, 17.8983

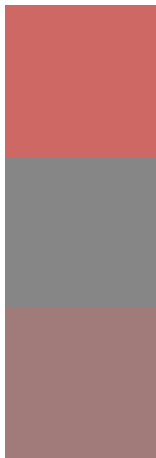
Deuteranomaly

26.8256, 23.5449, 14.6860

Tritanomaly

32.9577, 23.8838, 16.7829

Monochromacy



Original Color

32.4761, 23.8194, 15.1978

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.0930, 23.0446, 21.5379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4761, 23.8194, 15.1978 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(205, 104, 101)` looks like.

```
.text, #text, p{  
    color:rgb(205, 104, 101)  
}
```

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(205, 104, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 104, 101) }
```

Border

The CSS property to change the border of an element to XYZ 32.4761, 23.8194, 15.1978 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(205, 104, 101) }
```


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

```
.border{ border-color:rgb(205, 104, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 104, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 104, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 104, 101);  
box-shadow:4px 4px 4px 4px rgb(205, 104,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4761, 23.8194, 15.1978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 104, 101) }
```

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

```
.background{ background-color: rgb(205,  
104, 101) }
```

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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