

Converting Colors

XYZ(32.6140, 23.9746, 11.5809)

Have a look what the booklet for
XYZ(32.6140, 23.9746, 11.5809)
contains.

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Color

**XYZ(32.6024, 23.9664,
11.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	D06855
RGB	208, 104, 85
RGB Percent	82%, 41%, 33%
CMY	0.1843, 0.5921, 0.6667
CMYK	0.00, 0.50, 0.59, 0.18
HSL	9°, 57%, 57%
HSV	9°, 59%, 82%
XYZ	32.6024, 23.9664, 11.5020
YIQ	132.9300, 68.0830, 16.1390

Conversions

Conversions Part 2

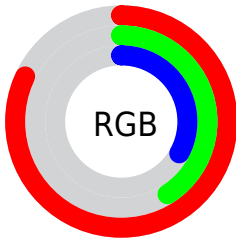
Format	Color
RYB	208, 107, 85
Decimal	13658197
CIELab	56.05, 39.43, 29.69
CIElCh	56, 49.354, 36.979
Yxy	23.9664, 0.4789, 0.3521
Android (android.graphics.Color)	4291848277 (0xFFD06855)
YUV	132.9300, -23.6295, 65.8364
Hunter-Lab	48.9555, 33.2018, 20.3388

Details

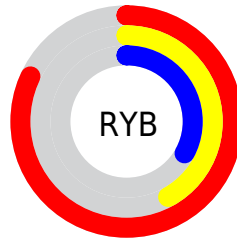
The XYZ color **32.6024, 23.9664, 11.5020** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **33.3278, 42.8779, 66.1938**, and the grayscale version is **22.3355, 23.4987, 25.5901**.

A 20% lighter version of the original color is **57.6701, 47.1232, 28.9778**, and **14.0337, 9.0823, 2.9328** is the 20% darker color. If you saturate the color by 10%, you get **30.3049, 20.5052, 7.2412**, and if you desaturate by 10%, it is **35.5130, 28.2655, 17.1655**.

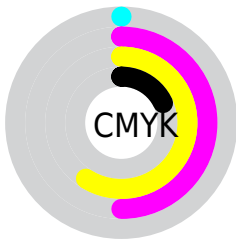
Distribution



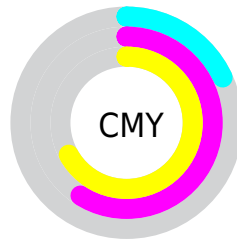
- Red (82%)
- Green (41%)
- Blue (33%)



- Red (82%)
- Yellow (42%)
- Blue (33%)



- Cyan (0%)
- Magenta (50%)
- Yellow (59%)
- Black (18%)





- Cyan (18%)
- Magenta (59%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6024, 23.9664, 11.5020 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 32.6024, 23.9664, 11.5020 by changing the saturation by 10% instead.


 32.6024, 23.9664,
11.5020


 32.6024, 23.9664,
11.5020


305.5511,
272.6506, 211.9395


 21.9798, 15.3087,
6.2872


 63.1131, 49.9754,
29.2355

 13.9586, 9.0363,
2.9489


 83.7320, 68.0954,
42.5912


 8.1734, 4.7649,
1.0686

 108.4136, 90.1384,
59.4977

 4.2588, 2.1100,
0.0000

 137.5234,
116.4886, 80.3734

 1.8496, 0.6702,
0.0000

 171.4266,
147.5306, 105.6369

 0.5473, 0.0000,
0.0000

210.4888,

 0.0000, 0.0000,

183.6486, 135.7067

0.0000

255.0751,
225.2272, 171.0014

■ 32.6024, 23.9664,
11.5020

■ 32.6024, 23.9664,
11.5020

■ 30.3049, 20.5052,
7.2412

■ 35.5130, 28.2655,
17.1655

■ 28.5737, 17.8231,
4.2585

■ 39.0756, 33.4487,
24.3394

■ 27.3577, 15.8595,
2.4091

■ 43.3274, 39.5633,
33.1219

■ 26.5846, 14.5386,
1.4568

■ 48.3027, 46.6522,
43.6029

■ 26.5325, 14.4504,
1.3908

■ 54.0333, 54.7553,
55.8656

■ 60.5491, 63.9107,
69.9874

■ 67.8784, 74.1543,
86.0416

■ 76.0481, 85.5202,
104.0971

■ 79.8222, 92.1498,
108.1874

Harmonies

Analogous

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



35.3480, 23.9664, 22.4959



32.6024, 23.9664, 11.5020



27.2955, 23.9664, 6.6617

Triad

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



32.6024, 23.9664, 11.5020



14.1752, 23.9664, 15.7245



24.1245, 23.9664, 70.7388

Complementary

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



32.6024, 23.9664, 11.5020



33.3278, 42.8779, 66.1938

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.



18.7910, 23.9664, 66.4607



32.6024, 23.9664, 11.5020



13.6111, 23.9664, 30.0595

Square

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



32.6024, 23.9664, 11.5020



16.8516, 23.9664, 8.3010



15.1588, 23.9664, 49.6298



29.9558, 23.9664, 59.6594

Rectangle

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



32.6024, 23.9664, 11.5020



23.3565, 23.9664, 5.7296



15.1588, 23.9664, 49.6298



22.2118, 23.9664, 71.1034

Sweetspot

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



32.6030, 23.9677, 11.5024



77.3662, 75.0788, 70.8006



38.5059, 23.6050, 50.9843



16.0294, 15.3172, 14.0292



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.



32.6030, 23.9677, 11.5024



47.2184, 31.2419, 10.0113



41.0981, 40.9579, 14.3341



11.9541, 12.0989, 12.3173



16.5819, 9.0968, 0.8819



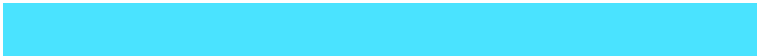
0.9749, 0.6042, 0.0652

Inverse Universe

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



33.3278, 42.8779, 66.1938



48.3459, 63.6254, 104.3406



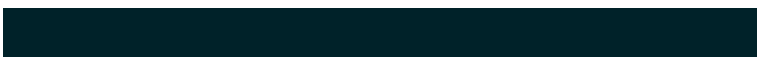
22.8573, 21.9369, 62.7036



11.9963, 13.0829, 15.1366



16.8127, 22.2721, 40.6053



0.9831, 1.3313, 2.2847

Previews

White Background



This preview shows how the XYZ color 32.6024, 23.9664, 11.5020 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 32.6024, 23.9664, 11.5020 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 32.6024, 23.9664, 11.5020

Background



This preview shows how black text looks on a background with the XYZ color 32.6024, 23.9664, 11.5020.



This preview shows how white text looks on a background with the XYZ color 32.6024, 23.9664,

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

32.6024, 23.9664, 11.5020

Protanopia

22.4987, 24.2108, 14.7966

Deuteranopia

24.6081, 24.1722, 10.9581



Tritanopia

33.6549, 23.9454, 17.0355

Trichromacy



Original Color

32.6024, 23.9664, 11.5020

Protanomaly

25.3319, 23.5304, 13.5626

Deuteranomaly

27.0619, 23.7454, 11.1397

Tritanomaly

33.3461, 23.9782, 14.9273

Monochromacy



Original Color

32.6024, 23.9664, 11.5020

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.6091, 22.6536, 19.5985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6024, 23.9664, 11.5020 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(208, 104, 85)` looks like.

```
.text, #text, p{  
    color:rgb(208, 104, 85)  
}
```

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(208, 104, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 104, 85) }
```

Border

The CSS property to change the border of an element to XYZ 32.6024, 23.9664, 11.5020 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(208, 104, 85) }
```


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

```
.border{ border-color:rgb(208, 104, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 104, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 104, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 104, 85);  
box-shadow:4px 4px 4px 4px rgb(208, 104,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6024, 23.9664, 11.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 104, 85) }
```

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

```
.background{ background-color: rgb(208,  
104, 85) }
```

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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