

Converting Colors

XYZ(32.0803, 25.6818, 6.9771)

Have a look what the booklet for
XYZ(32.0803, 25.6818, 6.9771)
contains.

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Color

**XYZ(32.1360, 25.7554,
7.0189)**

Conversions

Conversions Part 1

Format	Color
Hex	CD7438
RGB	205, 116, 56
RGB Percent	80%, 45%, 22%
CMY	0.1961, 0.5451, 0.7804
CMYK	0.00, 0.43, 0.73, 0.20
HSL	24°, 60%, 51%
HSV	24°, 73%, 80%
XYZ	32.1360, 25.7554, 7.0189
YIQ	135.7710, 72.3040, 0.2080

Conversions

Conversions Part 2

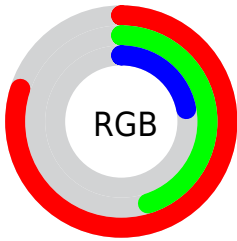
Format	Color
R_{YB}	205, 156, 56
Decimal	13464632
CIE Lab	57.80, 30.21, 47.06
CIE LCh	58, 55.917, 57.303
Yxy	25.7554, 0.4951, 0.3968
Android (android.graphics.Color)	4291654712 (0xFFCD7438)
YUV	135.7710, -39.3271, 60.7138
Hunter-Lab	50.7498, 24.2185, 27.3248

Details

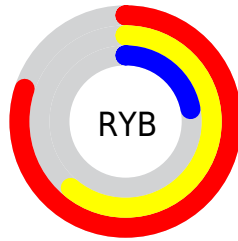
The XYZ color **32.1360, 25.7554, 7.0189** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **22.7750, 25.4978, 61.4784**, and the grayscale version is **23.4402, 24.6609, 26.8558**.

A 20% lighter version of the original color is **58.0295, 50.6765, 20.3587**, and **13.6417, 9.9227, 1.2824** is the 20% darker color. If you saturate the color by 10%, you get **30.4139, 22.9561, 4.4574**, and if you desaturate by 10%, it is **34.2505, 29.0116, 10.7239**.

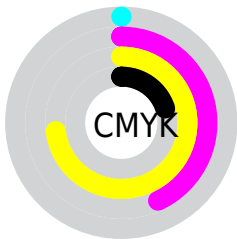
Distribution



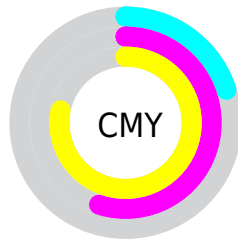
- Red (80%)
- Green (45%)
- Blue (22%)



- Red (80%)
- Yellow (61%)
- Blue (22%)



- Cyan (0%)
- Magenta (43%)
- Yellow (73%)
- Black (20%)





- Cyan (20%)
- Magenta (55%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1360, 25.7554, 7.0189 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 32.1360, 25.7554, 7.0189 by changing the saturation by 10% instead.


 32.1360, 25.7554,
7.0189


 32.1360, 25.7554,
7.0189


303.4726,
281.5793, 177.4575


 21.6214, 16.6407,
3.3953


 62.3880, 52.8801,
20.5247


 13.6941, 9.9787,
1.2998


 82.8561, 71.6589,
31.2441


 7.9885, 5.3848,
0.0617


 107.3729, 94.4279,
45.1657

 4.1393, 2.4748,
0.0000

 136.3035,
121.5714, 62.7082

 1.7812, 0.8640,
0.0000

 170.0135,
153.4740, 84.2901

 0.5063, 0.0000,
0.0000

 208.8681,

 0.0000, 0.0000,

190.5199, 110.3299

0.0000

253.2327,
233.0935, 141.2462

■ 32.1360, 25.7554,
7.0189

■ 32.1360, 25.7554,
7.0189

■ 30.4139, 22.9561,
4.4574

■ 34.2505, 29.0116,
10.7239

■ 29.0484, 20.5845,
2.8942

■ 36.7849, 32.7431,
15.6909

■ 28.2361, 19.0980,
2.1981

■ 39.7656, 36.9722,
22.0251

■ 43.2162, 41.7181,
29.8200

■ 47.1585, 46.9990,
39.1607

■ 51.6126, 52.8320,
50.1258

■ 56.5976, 59.2335,
62.7886

■ 62.1314, 66.2191,
77.2178

■ 68.2312, 73.8037,
93.4783

Harmonies

Analogous

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



37.8351, 25.7554, 14.2741



32.1360, 25.7554, 7.0189



25.0922, 25.7554, 4.9528

Triad

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



32.1360, 25.7554, 7.0189



13.7169, 25.7554, 26.3393



30.8910, 25.7554, 75.3908

Complementary

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



32.1360, 25.7554, 7.0189



22.7750, 25.4978, 61.4784

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.



23.8773, 25.7554, 83.5526



32.1360, 25.7554, 7.0189



14.7076, 25.7554, 48.6485

Square

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



32.1360, 25.7554, 7.0189



15.1443, 25.7554, 12.4381



18.1477, 25.7554, 72.0771



37.0289, 25.7554, 53.1297

Rectangle

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



32.1360, 25.7554, 7.0189



20.8377, 25.7554, 5.4845



18.1477, 25.7554, 72.0771



28.5232, 25.7554, 80.2187

Sweetspot

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



32.1366, 25.7568, 7.0194



77.5239, 77.3523, 64.8165



31.7327, 17.8643, 28.7258



16.1942, 16.0270, 12.9122



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.



32.1366, 25.7568, 7.0194



48.5369, 35.4112, 5.7268



44.3255, 50.1346, 11.0823



11.5770, 11.9429, 11.7745



17.6659, 12.0648, 1.3976



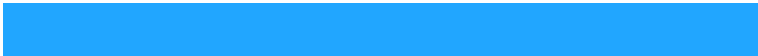
0.9852, 0.7700, 0.0967

Inverse Universe

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



22.7750, 25.4978, 61.4784



32.2559, 34.6935, 99.6042



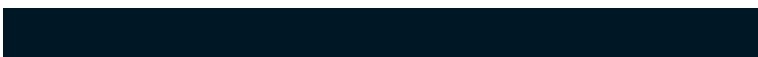
14.8973, 9.7425, 58.8525



11.1496, 11.9395, 14.2873



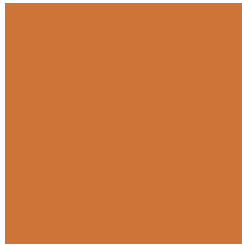
11.3218, 11.6675, 37.6116



0.6572, 0.7483, 1.9647

Previews

White Background



This preview shows how the XYZ color 32.1360, 25.7554, 7.0189 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 32.1360, 25.7554, 7.0189 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 32.1360, 25.7554, 7.0189

Background



This preview shows how black text looks on a background with the XYZ color 32.1360, 25.7554, 7.0189.



This preview shows how white text looks on a background with the XYZ color 32.1360, 25.7554,

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

32.1360, 25.7554, 7.0189

Protanopia

23.7929, 26.0836, 8.4832

Deuteranopia

26.3044, 25.7402, 6.7139



Tritanopia

34.6919, 25.6315, 19.9485

Trichromacy



Original Color

32.1360, 25.7554, 7.0189

Protanomaly

26.1655, 25.4431, 7.8069

Deuteranomaly

28.1110, 25.4930, 6.8072

Tritanomaly

33.5919, 25.6800, 14.0127

Monochromacy



Original Color

32.1360, 25.7554, 7.0189

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.2020, 24.3391, 17.2795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1360, 25.7554, 7.0189 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, 116, 56)` looks like.

```
.text, #text, p{  
    color:rgb(205, 116, 56)  
}
```

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, 116, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 116, 56) }
```

Border

The CSS property to change the border of an element to XYZ 32.1360, 25.7554, 7.0189 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, 116, 56) }
```


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

```
.border{ border-color:rgb(205, 116, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 116, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 116, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 116, 56);  
box-shadow:4px 4px 4px 4px rgb(205, 116,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1360, 25.7554, 7.0189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 116, 56) }
```

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

```
.background{ background-color: rgb(205,  
116, 56) }
```

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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