

Converting Colors

XYZ(32.3360, 25.2426, 4.4643)

Have a look what the booklet for
XYZ(32.3360, 25.2426, 4.4643)
contains.

XYZ(32.3360, 25.2426, 4.4643)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.3360, 25.2426,
4.4643)**

Conversions

Conversions Part 1

Format	Color
Hex	D1701F
RGB	209, 112, 31
RGB Percent	82%, 44%, 12%
CMY	0.1804, 0.5608, 0.8784
CMYK	0.00, 0.46, 0.85, 0.18
HSL	27°, 74%, 47%
HSV	27°, 85%, 82%
XYZ	32.3360, 25.2426, 4.4643
YIQ	131.7690, 83.8130, -4.6270

Conversions

Conversions Part 2

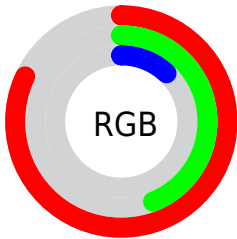
Format	Color
R _Y B	209, 180, 31
Decimal	13725727
CIE Lab	57.31, 33.05, 57.43
CIE LCh	57, 66.265, 60.080
Yxy	25.2426, 0.5212, 0.4069
Android (android.graphics.Color)	4291915807 (0xFFD1701F)
YUV	131.7690, -49.6791, 67.7316
Hunter-Lab	50.2420, 26.9599, 29.9011

Details

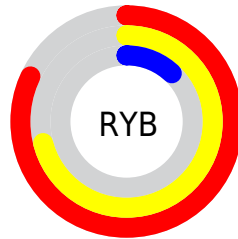
The XYZ color **32.3360, 25.2426, 4.4643** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **19.7922, 20.3318, 63.2024**, and the grayscale version is **22.0018, 23.1476, 25.2078**.

A 20% lighter version of the original color is **56.2954, 48.8104, 14.8418**, and **13.9354, 9.7411, 1.1458** is the 20% darker color. If you saturate the color by 10%, you get **30.9663, 22.8107, 3.0609**, and if you desaturate by 10%, it is **34.0440, 28.0665, 6.8604**.

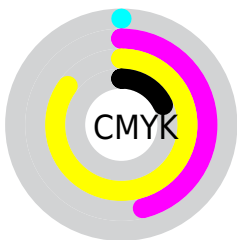
Distribution



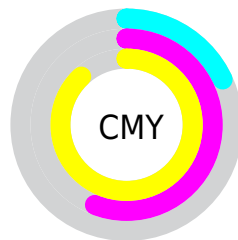
- Red (82%)
- Green (44%)
- Blue (12%)



- Red (82%)
- Yellow (71%)
- Blue (12%)



- Cyan (0%)
- Magenta (46%)
- Yellow (85%)
- Black (18%)



- Cyan (18%)
- Magenta (56%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3360, 25.2426, 4.4643 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 32.3360, 25.2426, 4.4643 by changing the saturation by 10% instead.

32.3360, 25.2426,
4.4643

32.3360, 25.2426,
4.4643

304.3652,
279.0440, 153.2542

21.7751, 16.2579,
1.8834

62.6991, 52.0505,
15.0672

13.8074, 9.7068,
0.4821

83.2320, 70.6425,
23.9262

8.0676, 5.2050,
0.0000

107.8195, 93.2057,
35.7149

4.1904, 2.3680,
0.0000

136.8272,
120.1246, 50.8520

1.8104, 0.8094,
0.0000

170.6202,
151.7834, 69.7559

0.5239, 0.0000,
0.0000

209.5639,

0.0000, 0.0000,

188.5667, 92.8452

0.0000

254.0238,
230.8587, 120.5385

■ 32.3360, 25.2426,
4.4643

■ 32.3360, 25.2426,
4.4643

■ 30.9663, 22.8107,
3.0609

■ 34.0440, 28.0665,
6.8604

■ 30.3967, 21.7600,
2.5980

■ 36.1242, 31.3013,
10.4068

■ 38.6068, 34.9690,
15.2347

■ 41.5181, 39.0881,
21.4564

■ 44.8816, 43.6759,
29.1723

■ 48.7188, 48.7485,
38.4729

■ 53.0500, 54.3211,
49.4420

■ 57.8939, 60.4083,
62.1569

■ 63.2683, 67.0239,
76.6905

Harmonies

Analogous

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



39.5669, 25.2426, 11.0134



32.3360, 25.2426, 4.4643



23.9713, 25.2426, 2.9594

Triad

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



32.3360, 25.2426, 4.4643



11.8425, 25.2426, 27.5451



32.3804, 25.2426, 84.4265

Complementary

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



32.3360, 25.2426, 4.4643



19.7922, 20.3318, 63.2024

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.



24.0133, 25.2426, 97.3350



32.3360, 25.2426, 4.4643



13.1580, 25.2426, 55.3423

Square

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



32.3360, 25.2426, 4.4643



13.1439, 25.2426, 11.0701



17.2237, 25.2426, 84.5536



39.5962, 25.2426, 55.1764

Rectangle

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



32.3360, 25.2426, 4.4643



19.1744, 25.2426, 3.5949



17.2237, 25.2426, 84.5536



29.5565, 25.2426, 91.3571

Sweetspot

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



32.3366, 25.2440, 4.4647



75.6910, 75.5175, 58.5606



30.7402, 16.1177, 22.2251



15.7376, 15.5550, 11.4000



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.



32.3366, 25.2440, 4.4647



47.4909, 33.7617, 4.0136



47.2190, 55.0088, 9.4255



12.2455, 12.6818, 12.4145



18.8378, 13.6085, 1.6338



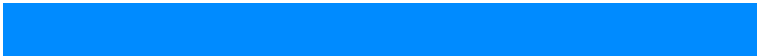
1.1321, 0.9186, 0.1176

Inverse Universe

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



19.7922, 20.3318, 63.2024



27.2758, 25.6715, 98.1253



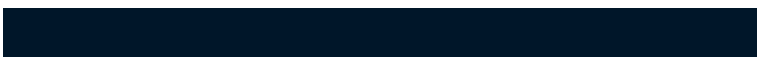
12.8292, 6.4058, 60.8814



11.6898, 12.4699, 15.0345



10.8978, 10.4423, 38.6337



0.6881, 0.7414, 2.1864

Previews

White Background



This preview shows how the XYZ color 32.3360, 25.2426, 4.4643 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 32.3360, 25.2426, 4.4643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

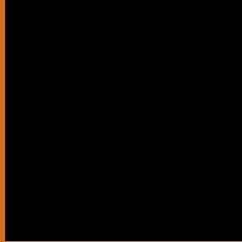
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3360, 25.2426, 4.4643

Background



This preview shows how black text looks on a background with the XYZ color 32.3360, 25.2426, 4.4643.



This preview shows how white text looks on a background with the XYZ color 32.3360, 25.2426,

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

32.3360, 25.2426, 4.4643

Protanopia

22.9559, 25.2855, 5.5044

Deuteranopia

25.6981, 25.2818, 4.1873



Tritanopia

35.1276, 25.2701, 18.3554

Trichromacy



Original Color

32.3360, 25.2426, 4.4643

Protanomaly

25.8328, 24.9358, 5.0417

Deuteranomaly

27.8660, 25.0460, 4.2298

Tritanomaly

33.7879, 25.1985, 11.2666

Monochromacy



Original Color

32.3360, 25.2426, 4.4643

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.8964, 22.9670, 14.0001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3360, 25.2426, 4.4643 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, 112, 31)` looks like.

```
.text, #text, p{  
    color:rgb(209, 112, 31)  
}
```

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, 112, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 112, 31) }
```

Border

The CSS property to change the border of an element to XYZ 32.3360, 25.2426, 4.4643 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, 112, 31) }
```


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

```
.border{ border-color:rgb(209, 112, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 112, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 112, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 112, 31);  
box-shadow:4px 4px 4px 4px rgb(209, 112,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3360, 25.2426, 4.4643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 112, 31) }
```

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

```
.background{ background-color: rgb(209,  
112, 31) }
```

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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