

Converting Colors

XYZ(32.8385, 25.3008, 6.1704)

Have a look what the booklet for
XYZ(32.8385, 25.3008, 6.1704)
contains.

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Color

**XYZ(32.8385, 25.3008,
6.1704)**

Conversions

Conversions Part 1

Format	Color
Hex	D26F32
RGB	210, 111, 50
RGB Percent	82%, 44%, 20%
CMY	0.1765, 0.5647, 0.8039
CMYK	0.00, 0.47, 0.76, 0.18
HSL	23°, 64%, 51%
HSV	23°, 76%, 82%
XYZ	32.8385, 25.3008, 6.1704
YIQ	133.6470, 78.5850, 2.0170

Conversions

Conversions Part 2

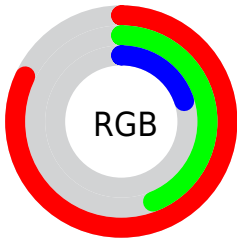
Format	Color
R _{YB}	210, 149, 50
Decimal	13791026
CIE _{Lab}	57.37, 34.61, 49.67
CIE _{LCh}	57, 60.542, 55.134
Yxy	25.3008, 0.5106, 0.3934
Android (android.graphics.Color)	4291981106 (0xFFD26F32)
YUV	133.6470, -41.2380, 66.9616
Hunter-Lab	50.2999, 28.5096, 27.9367

Details

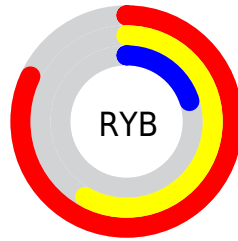
The XYZ color **32.8385, 25.3008, 6.1704** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **23.6949, 26.8245, 64.9011**, and the grayscale version is **22.6574, 23.8374, 25.9589**.

A 20% lighter version of the original color is **56.8157, 48.7310, 18.4681**, and **14.0632, 9.7270, 1.1363** is the 20% darker color. If you saturate the color by 10%, you get **31.1689, 22.5282, 3.8681**, and if you desaturate by 10%, it is **34.9231, 28.5717, 9.6358**.

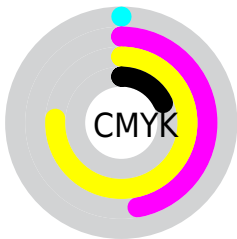
Distribution



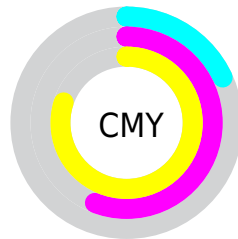
- Red (82%)
- Green (44%)
- Blue (20%)



- Red (82%)
- Yellow (58%)
- Blue (20%)



- Cyan (0%)
- Magenta (47%)
- Yellow (76%)
- Black (18%)





- Cyan (18%)
- Magenta (56%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8385, 25.3008, 6.1704 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 32.8385, 25.3008, 6.1704 by changing the saturation by 10% instead.


 32.8385, 25.3008,
6.1704


 32.8385, 25.3008,
6.1704


306.5992,
279.3326, 169.9410


 22.1614, 16.3013,
2.8785


 63.4797, 52.1448,
18.7673


 14.0928, 9.7376,
1.0329


 84.1745, 70.7581,
28.9094


 8.2674, 5.2253,
0.0000

 108.9392, 93.3447,
42.1720


 4.3197, 2.3801,
0.0000

 138.1392,
120.2892, 58.9736

 1.8846, 0.8156,
0.0000

 172.1398,
151.9758, 79.7327

 0.5678, 0.0000,
0.0000

 211.3065,

 0.0000, 0.0000,

188.7890, 104.8680

0.0000

256.0045,
231.1131, 134.7979

■ 32.8385, 25.3008,
6.1704

■ 32.8385, 25.3008,
6.1704

■ 31.1689, 22.5282,
3.8681

■ 34.9231, 28.5717,
9.6358

■ 29.8721, 20.2193,
2.5581

■ 37.4546, 32.3635,
14.3984

■ 29.4519, 19.4490,
2.2018

■ 40.4629, 36.7019,
20.5749

■ 43.9747, 41.6096,
28.2687

■ 48.0144, 47.1076,
37.5732

■ 52.6047, 53.2161,
48.5743

■ 57.7669, 59.9539,
61.3519

■ 63.5211, 67.3392,
75.9806

■ 69.8862, 75.3893,
92.5307

Harmonies

Analogous

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



38.8435, 25.3008, 13.9317



32.8385, 25.3008, 6.1704



25.2382, 25.3008, 3.9436

Triad

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



32.8385, 25.3008, 6.1704



12.7443, 25.3008, 24.3276



30.4038, 25.3008, 81.1143

Complementary

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



32.8385, 25.3008, 6.1704



23.6949, 26.8245, 64.9011

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.



22.8951, 25.3008, 88.7428



32.8385, 25.3008, 6.1704



13.5860, 25.3008, 47.9955

Square

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



32.8385, 25.3008, 6.1704



14.4024, 25.3008, 10.5591



16.9849, 25.3008, 74.4154



37.2530, 25.3008, 56.9104

Rectangle

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



32.8385, 25.3008, 6.1704



20.6190, 25.3008, 4.2896



16.9849, 25.3008, 74.4154



27.8368, 25.3008, 86.0883

Sweetspot

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



32.8391, 25.3022, 6.1708



76.5002, 75.7745, 63.0276



33.3319, 18.2281, 31.1820



15.8437, 15.5070, 12.2375



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.



32.8391, 25.3022, 6.1708



47.1253, 32.7840, 4.6521



45.2798, 50.1837, 10.3178



12.1729, 12.5365, 12.3902



18.0554, 12.0438, 1.3731



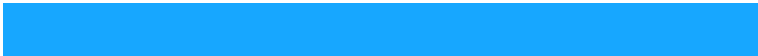
1.0853, 0.8249, 0.1020

Inverse Universe

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



23.6949, 26.8245, 64.9011



32.1337, 34.8645, 99.6436



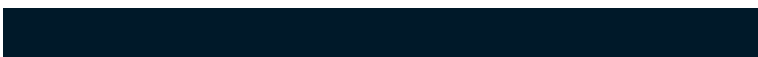
15.2229, 9.8805, 62.0771



11.7640, 12.6183, 15.0592



12.0593, 12.7651, 39.0208



0.7496, 0.8644, 2.2069

Previews

White Background



This preview shows how the XYZ color 32.8385, 25.3008, 6.1704 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 32.8385, 25.3008, 6.1704 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 32.8385, 25.3008, 6.1704

Background



This preview shows how black text looks on a background with the XYZ color 32.8385, 25.3008, 6.1704.



This preview shows how white text looks on a background with the XYZ color 32.8385, 25.3008,

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

32.8385, 25.3008, 6.1704

Protanopia

23.1786, 25.3525, 7.6749

Deuteranopia

25.8045, 25.2987, 5.9060



Tritanopia

35.3155, 25.2166, 18.3352

Trichromacy



Original Color

32.8385, 25.3008, 6.1704

Protanomaly

25.8643, 24.7128, 7.0213

Deuteranomaly

27.9505, 25.0517, 5.9471

Tritanomaly

34.2122, 25.2337, 12.5186

Monochromacy



Original Color

32.8385, 25.3008, 6.1704

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.8093, 23.5824, 16.0762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8385, 25.3008, 6.1704 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(210, 111, 50)` looks like.

```
.text, #text, p{  
    color:rgb(210, 111, 50)  
}
```

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(210, 111, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 111, 50) }
```

Border

The CSS property to change the border of an element to XYZ 32.8385, 25.3008, 6.1704 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(210, 111, 50) }
```


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

```
.border{ border-color:rgb(210, 111, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 111, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 111, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 111, 50);  
box-shadow:4px 4px 4px 4px rgb(210, 111,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8385, 25.3008, 6.1704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 111, 50) }
```

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

```
.background{ background-color: rgb(210,  
111, 50) }
```

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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