

Converting Colors

XYZ(32.7754, 26.1601, 6.0325)

Have a look what the booklet for
XYZ(32.7754, 26.1601, 6.0325)
contains.

XYZ(32.7709, 26.1059, 6.0011)	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(32.7709, 26.1059,
6.0011)**

Conversions

Conversions Part 1

Format	Color
Hex	D0742F
RGB	208, 116, 47
RGB Percent	82%, 45%, 18%
CMY	0.1843, 0.5451, 0.8157
CMYK	0.00, 0.44, 0.77, 0.18
HSL	26°, 63%, 50%
HSV	26°, 77%, 82%
XYZ	32.7709, 26.1059, 6.0011
YIQ	135.6420, 76.9810, -1.9550

Conversions

Conversions Part 2

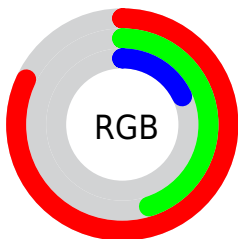
Format	Color
R _Y B	208, 168, 47
Decimal	13661231
CIE Lab	58.14, 31.05, 51.71
CIE LCh	58, 60.316, 59.018
Yxy	26.1059, 0.5051, 0.4024
Android (android.graphics.Color)	4291851311 (0xFFD0742F)
YUV	135.6420, -43.7005, 63.4580
Hunter-Lab	51.0939, 25.0729, 28.8020

Details

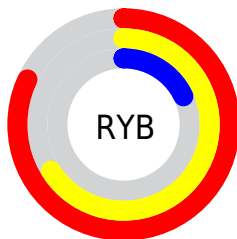
The XYZ color **32.7709, 26.1059, 6.0011** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **21.7895, 23.6224, 63.0852**, and the grayscale version is **23.4066, 24.6256, 26.8172**.

A 20% lighter version of the original color is **57.6326, 50.5178, 18.2686**, and **14.1610, 10.1923, 1.2210** is the 20% darker color. If you saturate the color by 10%, you get **31.1635, 23.4103, 3.8654**, and if you desaturate by 10%, it is **34.7546, 29.2347, 9.2484**.

Distribution



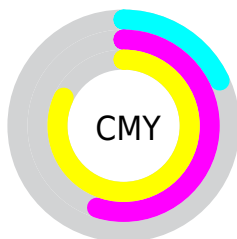
- Red (82%)
- Green (45%)
- Blue (18%)



- Red (82%)
- Yellow (66%)
- Blue (18%)



- Cyan (0%)
- Magenta (44%)
- Yellow (77%)
- Black (18%)





- Cyan (18%)
- Magenta (55%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7709, 26.1059, 6.0011 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 32.7709, 26.1059, 6.0011 by changing the saturation by 10% instead.


 32.7709, 26.1059,
6.0011


 32.7709, 26.1059,
6.0011


306.2994,
283.3015, 168.3874


 22.1094, 16.9029,
2.7769


 63.3748, 53.4457,
18.4109


 14.0544, 10.1653,
0.9819


 84.0478, 72.3514,
28.4336


 8.2404, 5.5087,
0.0000


 108.7888, 95.2599,
41.5596


 4.3023, 2.5487,
0.0000

 137.9630,
122.5559, 58.2074

 1.8745, 0.9009,
0.0000

 171.9358,
154.6237, 78.7955

 0.5620, 0.0000,
0.0000

 211.0726,

 0.0000, 0.0000,

191.8476, 103.7425

0.0000

255.7386,
234.6121, 133.4670

■ 32.7709, 26.1059,
6.0011

■ 32.7709, 26.1059,
6.0011

■ 31.1635, 23.4103,
3.8654

■ 34.7546, 29.2347,
9.2484

■ 29.8895, 21.1169,
2.6558

■ 37.1442, 32.8153,
13.7402

■ 29.5970, 20.5794,
2.4123

■ 39.9676, 36.8693,
19.5918

■ 43.2495, 41.4158,
26.9049

■ 47.0124, 46.4724,
35.7714

■ 51.2772, 52.0558,
46.2754

■ 56.0633, 58.1819,
58.4951

■ 61.3893, 64.8658,
72.5035

■ 67.2726, 72.1220,
88.3694

Harmonies

Analogous

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



39.2388, 26.1059, 13.0326



32.7709, 26.1059, 6.0011



25.0544, 26.1059, 4.1888

Triad

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



32.7709, 26.1059, 6.0011



13.2491, 26.1059, 27.7411



32.2716, 26.1059, 80.1290

Complementary

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



32.7709, 26.1059, 6.0011



21.7895, 23.6224, 63.0852

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.



24.5729, 26.1059, 90.6251



32.7709, 26.1059, 6.0011



14.4428, 26.1059, 52.7532

Square

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



32.7709, 26.1059, 6.0011



14.6113, 26.1059, 12.3354



18.2603, 26.1059, 78.7611



38.9130, 26.1059, 54.5771

Rectangle

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



32.7709, 26.1059, 6.0011



20.5102, 26.1059, 4.8301



18.2603, 26.1059, 78.7611



29.6788, 26.1059, 85.9622

Sweetspot

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



32.7715, 26.1073, 6.0016



77.2291, 77.2322, 63.2706



31.8304, 17.3637, 26.8409



16.0183, 15.8562, 12.2957



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.



32.7715, 26.1073, 6.0016



48.0036, 34.6145, 4.7171



45.9472, 52.4586, 10.3935



12.2194, 12.6295, 12.4057



18.5384, 13.0099, 1.5341



1.1146, 0.8835, 0.1118

Inverse Universe

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



21.7895, 23.6224, 63.0852



29.7464, 30.2466, 98.8781



14.1954, 8.4342, 60.5539



11.7164, 12.5230, 15.0433



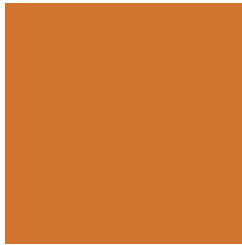
11.2939, 11.2344, 38.7657



0.7094, 0.7840, 2.1935

Previews

White Background



This preview shows how the XYZ color 32.7709, 26.1059, 6.0011 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 32.7709, 26.1059, 6.0011 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 32.7709, 26.1059, 6.0011

Background



This preview shows how black text looks on a background with the XYZ color 32.7709, 26.1059, 6.0011.



This preview shows how white text looks on a background with the XYZ color 32.7709, 26.1059,

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

32.7709, 26.1059, 6.0011

Protanopia

23.7542, 26.0904, 7.2740

Deuteranopia

26.6923, 26.1653, 5.7414



Tritanopia

35.5435, 26.0705, 19.9884

Trichromacy



Original Color

32.7709, 26.1059, 6.0011

Protanomaly

26.3930, 25.5856, 6.6794

Deuteranomaly

28.7645, 26.0445, 5.7965

Tritanomaly

34.3043, 26.0627, 13.3478

Monochromacy



Original Color

32.7709, 26.1059, 6.0011

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.2492, 24.3814, 16.4720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7709, 26.1059, 6.0011 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, 116, 47)` looks like.

```
.text, #text, p{  
    color:rgb(208, 116, 47)  
}
```

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, 116, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 116, 47) }
```

Border

The CSS property to change the border of an element to XYZ 32.7709, 26.1059, 6.0011 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, 116, 47) }
```


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

```
.border{ border-color:rgb(208, 116, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 116, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 116, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 116, 47);  
box-shadow:4px 4px 4px 4px rgb(208, 116,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7709, 26.1059, 6.0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 116, 47) }
```

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

```
.background{ background-color: rgb(208,  
116, 47) }
```

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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