

Converting Colors

XYZ(32.6881, 26.0602, 15.2834)

Have a look what the booklet for
XYZ(32.6881, 26.0602, 15.2834)
contains.

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Color

**XYZ(32.7489, 26.0602,
15.3607)**

Conversions

Conversions Part 1

Format	Color
Hex	C97564
RGB	201, 117, 100
RGB Percent	79%, 46%, 39%
CMY	0.2118, 0.5412, 0.6078
CMYK	0.00, 0.42, 0.50, 0.21
HSL	10°, 48%, 59%
HSV	10°, 50%, 79%
XYZ	32.7489, 26.0602, 15.3607
YIQ	140.1780, 55.5210, 12.5210

Conversions

Conversions Part 2

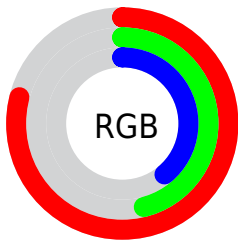
Format	Color
R_{YB}	201, 120, 100
Decimal	13202788
CIE Lab	58.09, 31.16, 23.63
CIE LCh	58, 39.106, 37.182
Yxy	26.0602, 0.4415, 0.3514
Android (android.graphics.Color)	4291392868 (0xFFC97564)
YUV	140.1780, -19.8078, 53.3409
Hunter-Lab	51.0492, 25.1746, 17.8941

Details

The XYZ color **32.7489, 26.0602, 15.3607** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.9376, 41.2052, 61.4754**, and the grayscale version is **25.0567, 26.3615, 28.7077**.

A 20% lighter version of the original color is **61.2006, 52.2438, 36.1366**, and **13.9775, 10.1110, 4.5831** is the 20% darker color. If you saturate the color by 10%, you get **30.1166, 22.1653, 10.2613**, and if you desaturate by 10%, it is **35.9702, 30.7493, 21.8409**.

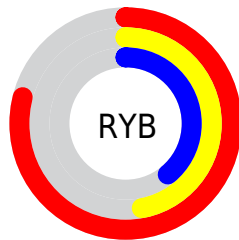
Distribution



Red (79%)

Green (46%)

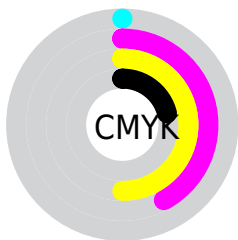
Blue (39%)



Red (79%)

Yellow (47%)

Blue (39%)

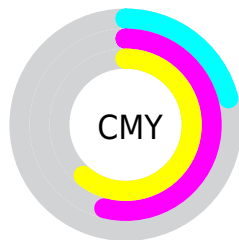


Cyan (0%)

Magenta (42%)

Yellow (50%)

Black (21%)



Cyan (21%)


Magenta (54%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7489, 26.0602, 15.3607 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 32.7489, 26.0602, 15.3607 by changing the saturation by 10% instead.


 32.7489, 26.0602,
15.3607


 32.7489, 26.0602,
15.3607


306.2018,
283.0775, 237.2547


 22.0925, 16.8687,
8.9235


 63.3406, 53.3720,
36.2359

 14.0418, 10.1409,
4.5952


 84.0066, 72.2612,
51.5110

 8.2317, 5.4925,
1.9572


 108.7398, 95.1516,
70.5692

 4.2966, 2.5390,
0.5288

 137.9056,
122.4278, 93.8290

 1.8713, 0.8961,
0.0000

171.8694,
154.4740, 121.7088

 0.5600, 0.0000,
0.0000

210.9964,

 0.0000, 0.0000,

191.6748, 154.6274

0.0000

255.6521,
234.4145, 193.0032

■ 32.7489, 26.0602,
15.3607

■ 32.7489, 26.0602,
15.3607

■ 30.1166, 22.1653,
10.2613

■ 35.9702, 30.7493,
21.8409

■ 28.0350, 19.0164,
6.4404

■ 39.8120, 36.2694,
29.7911

■ 26.4640, 16.5661,
3.7837

■ 44.3056, 42.6597,
39.2949

■ 25.3567, 14.7600,
2.1559

■ 49.4797, 49.9557,
50.4291

■ 24.6548, 13.5525,
1.3164

■ 55.3612, 58.1910,
63.2652

■ 61.9757, 67.3975,
77.8707

■ 69.3473, 77.6055,
94.3094

■ 76.5508, 88.4646,
107.6485

■ 77.8973, 91.1574,
108.0973

Harmonies

Analogous

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



34.9380, 26.0602, 25.2405



32.7489, 26.0602, 15.3607



28.4683, 26.0602, 10.4959

Triad

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



32.7489, 26.0602, 15.3607



17.2937, 26.0602, 19.4216



25.9244, 26.0602, 62.8762

Complementary

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



32.7489, 26.0602, 15.3607



32.9376, 41.2052, 61.4754

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.



21.4057, 26.0602, 59.8087



32.7489, 26.0602, 15.3607



16.7943, 26.0602, 31.7590

Square

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



32.7489, 26.0602, 15.3607



19.6675, 26.0602, 12.2657



18.2044, 26.0602, 47.2164



30.6852, 26.0602, 54.6116

Rectangle

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



32.7489, 26.0602, 15.3607



25.2195, 26.0602, 9.4949



18.2044, 26.0602, 47.2164



24.3247, 26.0602, 63.1706

Sweetspot

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



32.7495, 26.0615, 15.3612



80.1704, 79.1337, 76.5242



37.3137, 24.9997, 48.2977



16.7601, 16.3739, 15.5208



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.



32.7495, 26.0615, 15.3612



51.3262, 37.5951, 17.1218



40.2674, 41.0973, 17.8671



10.7758, 10.9207, 11.1027



15.5482, 8.6136, 0.8431



0.7824, 0.5002, 0.0553

Inverse Universe

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



32.9376, 41.2052, 61.4754



51.6152, 66.2163, 104.6683



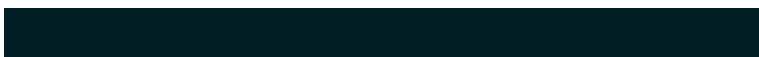
24.2774, 23.8848, 58.5887



10.7889, 11.7518, 13.6172



15.3939, 20.1818, 37.8285



0.7703, 1.0384, 1.8050

Previews

White Background



This preview shows how the XYZ color 32.7489, 26.0602, 15.3607 looks on a white background.

Color Contrast Check

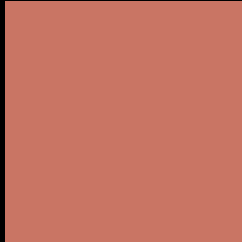
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7489, 26.0602, 15.3607 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 32.7489, 26.0602, 15.3607

Background



This preview shows how black text looks on a background with the XYZ color 32.7489, 26.0602, 15.3607.



This preview shows how white text looks on a background with the XYZ color 32.7489, 26.0602,

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

32.7489, 26.0602, 15.3607

Protanopia

24.5870, 26.2715, 18.5269

Deuteranopia

26.6191, 26.1288, 14.9496



Tritanopia

34.1588, 26.1363, 21.6568

Trichromacy



Original Color

32.7489, 26.0602, 15.3607

Protanomaly

27.0012, 25.8680, 17.2056

Deuteranomaly

28.5142, 25.9039, 15.0524

Tritanomaly

33.5251, 26.0329, 19.1775

Monochromacy



Original Color

32.7489, 26.0602, 15.3607

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.8532, 25.6646, 22.9405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7489, 26.0602, 15.3607 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(201, 117, 100)` looks like.

```
.text, #text, p{  
    color:rgb(201, 117, 100)  
}
```

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(201, 117, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 117, 100) }
```

Border

The CSS property to change the border of an element to XYZ 32.7489, 26.0602, 15.3607 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(201, 117, 100) }
```


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

```
.border{ border-color:rgb(201, 117, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 117, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 117, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 117, 100);  
box-shadow:4px 4px 4px 4px rgb(201, 117,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7489, 26.0602, 15.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 117, 100) }
```

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

```
.background{ background-color: rgb(201,  
117, 100) }
```

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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