

Converting Colors

XYZ(32.3371, 27.5020, 14.6704)

Have a look what the booklet for
XYZ(32.3371, 27.5020, 14.6704)
contains.

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Color

**XYZ(32.3371, 27.5020,
14.6704)**

Conversions

Conversions Part 1

Format	Color
Hex	C47E60
RGB	196, 126, 96
RGB Percent	77%, 49%, 38%
CMY	0.2314, 0.5059, 0.6235
CMYK	0.00, 0.36, 0.51, 0.23
HSL	18°, 46%, 57%
HSV	18°, 51%, 77%
XYZ	32.3371, 27.5020, 14.6704
YIQ	143.5100, 51.3500, 5.5100

Conversions

Conversions Part 2

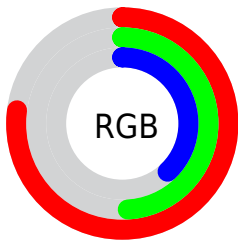
Format	Color
R_{YB}	196, 139, 96
Decimal	12877408
CIE _{Lab}	59.44, 23.90, 27.53
CIE _{LCh}	59, 36.456, 49.042
Yxy	27.5020, 0.4340, 0.3691
Android (android.graphics.Color)	4291067488 (0xFFC47E60)
YUV	143.5100, -23.4224, 46.0337
Hunter-Lab	52.4423, 18.2929, 20.1237

Details

The XYZ color **32.3371, 27.5020, 14.6704** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **28.4231, 33.7431, 57.2393**, and the grayscale version is **26.3896, 27.7639, 30.2349**.

A 20% lighter version of the original color is **62.6266, 55.6068, 35.0362**, and **13.7863, 10.8796, 4.2791** is the 20% darker color. If you saturate the color by 10%, you get **29.9092, 23.9148, 9.9505**, and if you desaturate by 10%, it is **35.2320, 31.6632, 20.6563**.

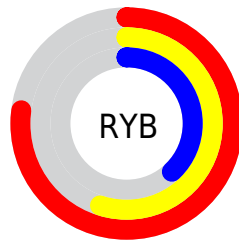
Distribution



Red (77%)

Green (49%)

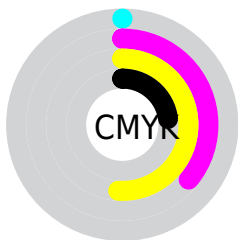
Blue (38%)



Red (77%)

Yellow (55%)

Blue (38%)

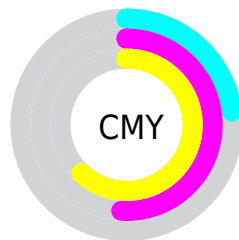


Cyan (0%)

Magenta (36%)

Yellow (51%)

Black (23%)



Cyan (23%)


Magenta (51%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3371, 27.5020, 14.6704 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 32.3371, 27.5020, 14.6704 by changing the saturation by 10% instead.


 32.3371, 27.5020,
14.6704


 32.3371, 27.5020,
14.6704


304.3701,
290.0796, 232.9341


 21.7759, 17.9506,
8.4443


 62.7008, 55.6884,
35.0080

 13.8080, 10.9145,
4.2887


 83.2340, 75.0921,
49.9566

 8.0681, 6.0094,
1.7850


 107.8220, 98.5488,
68.6499

 4.1907, 2.8508,
0.4181

 136.8300,
126.4428, 91.5063

 1.8106, 1.0543,
0.0000

170.6235,
159.1584, 118.9443

 0.5240, 0.0000,
0.0000

209.5678,

 0.0000, 0.0000,

197.0802, 151.3827

0.0000

254.0282,
240.5924, 189.2397

■ 32.3371, 27.5020,
14.6704

■ 32.3371, 27.5020,
14.6704

■ 29.9092, 23.9148,
9.9505

■ 35.2320, 31.6632,
20.6563

■ 27.9194, 20.8711,
6.4020

■ 38.6162, 36.4186,
27.9902

■ 26.3385, 18.3437,
3.9194

■ 42.5131, 41.7926,
36.7489

■ 25.1323, 16.3010,
2.3771

■ 46.9438, 47.8070,
47.0032

■ 24.3190, 14.8441,
1.5834

■ 51.9283, 54.4823,
58.8188

■ 57.4854, 61.8382,
72.2576

■ 63.6331, 69.8935,
87.3784

■ 70.3885, 78.6664,
104.2366

■ 74.8381, 87.0022,
107.4565

Harmonies

Analogous

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



35.3628, 27.5020, 22.4581



32.3371, 27.5020, 14.6704



27.8470, 27.5020, 11.4028

Triad

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



32.3371, 27.5020, 14.6704



18.4232, 27.5020, 25.4090



29.1146, 27.5020, 60.6108

Complementary

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



32.3371, 27.5020, 14.6704



28.4231, 33.7431, 57.2393

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.



24.5039, 27.5020, 62.0928



32.3371, 27.5020, 14.6704



18.6785, 27.5020, 38.9344

Square

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



32.3371, 27.5020, 14.6704



20.0464, 27.5020, 16.2862



20.7897, 27.5020, 53.2699



33.3576, 27.5020, 49.6691

Rectangle

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



32.3371, 27.5020, 14.6704



24.7823, 27.5020, 11.3261



20.7897, 27.5020, 53.2699



27.5461, 27.5020, 62.3308

Sweetspot

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



32.3378, 27.5034, 14.6709



81.5377, 81.8684, 76.9800



33.8308, 22.8548, 38.7048



17.0859, 17.0255, 15.6294



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.



32.3378, 27.5034, 14.6709



53.8115, 42.7650, 17.3358



40.4015, 43.6309, 17.3588



10.3141, 10.5596, 10.5565



15.6928, 9.6713, 1.0396



0.7400, 0.5417, 0.0656

Inverse Universe

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



28.4231, 33.7431, 57.2393



45.8807, 55.1697, 102.8384



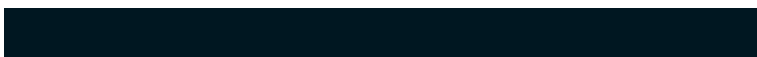
21.0333, 18.9634, 54.7760



10.1052, 10.9016, 12.8565



12.2458, 14.2482, 35.6614



0.5871, 0.7316, 1.5601

Previews

White Background



This preview shows how the XYZ color 32.3371, 27.5020, 14.6704 looks on a white background.

Color Contrast Check

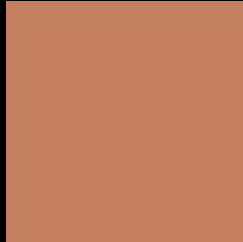
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3371, 27.5020, 14.6704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

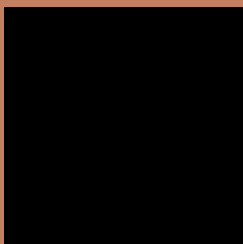
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.3371, 27.5020, 14.6704

Background



This preview shows how black text looks on a background with the XYZ color 32.3371, 27.5020, 14.6704.



This preview shows how white text looks on a background with the XYZ color 32.3371, 27.5020,

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

32.3371, 27.5020, 14.6704

Protanopia

25.5971, 27.4942, 16.7898

Deuteranopia

28.1996, 27.5837, 14.4276



Tritanopia

34.4198, 27.4286, 24.5992

Trichromacy



Original Color

32.3371, 27.5020, 14.6704

Protanomaly

27.6081, 27.2464, 15.8606

Deuteranomaly

29.5091, 27.4250, 14.5647

Tritanomaly

33.6417, 27.4797, 20.6705

Monochromacy



Original Color

32.3371, 27.5020, 14.6704

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.8807, 27.2102, 23.8613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3371, 27.5020, 14.6704 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(196, 126, 96)` looks like.

```
.text, #text, p{  
    color:rgb(196, 126, 96)  
}
```

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(196, 126, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 126, 96) }
```

Border

The CSS property to change the border of an element to XYZ 32.3371, 27.5020, 14.6704 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(196, 126, 96) }
```


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

```
.border{ border-color:rgb(196, 126, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 126, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 126, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 126, 96);  
box-shadow:4px 4px 4px 4px rgb(196, 126,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3371, 27.5020, 14.6704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 126, 96) }
```

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

```
.background{ background-color: rgb(196,  
126, 96) }
```

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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