

Converting Colors

XYZ(32.5331, 25.7456, 17.2710)

Have a look what the booklet for
XYZ(32.5331, 25.7456, 17.2710)
contains.

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Color

**XYZ(32.4524, 25.6944,
17.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	C7746B
RGB	199, 116, 107
RGB Percent	78%, 45%, 42%
CMY	0.2196, 0.5451, 0.5804
CMYK	0.00, 0.42, 0.46, 0.22
HSL	6°, 45%, 60%
HSV	6°, 46%, 78%
XYZ	32.4524, 25.6944, 17.1590
YIQ	139.7910, 52.3570, 14.7970

Conversions

Conversions Part 2

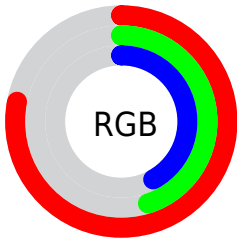
Format	Color
R_{YB}	199, 117, 107
Decimal	13071467
CIE Lab	57.75, 31.60, 19.12
CIE LCh	58, 36.931, 31.178
Yxy	25.6944, 0.4309, 0.3412
Android (android.graphics.Color)	4291261547 (0xFFC7746B)
YUV	139.7910, -16.1660, 51.9263
Hunter-Lab	50.6896, 25.5720, 15.4124

Details

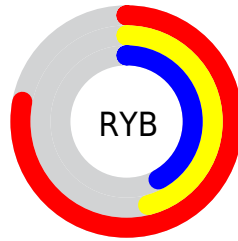
The XYZ color **32.4524, 25.6944, 17.1590** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.7847, 44.0742, 60.7065**, and the grayscale version is **24.8933, 26.1897, 28.5205**.

A 20% lighter version of the original color is **61.5995, 52.1046, 39.1583**, and **13.9192, 9.9735, 5.4664** is the 20% darker color. If you saturate the color by 10%, you get **29.6502, 21.5772, 11.6405**, and if you desaturate by 10%, it is **35.8967, 30.7103, 24.0806**.

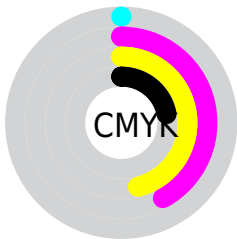
Distribution



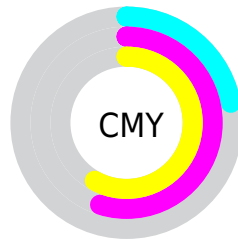
- Red (78%)
- Green (45%)
- Blue (42%)



- Red (78%)
- Yellow (46%)
- Blue (42%)



- Cyan (0%)
- Magenta (42%)
- Yellow (46%)
- Black (22%)





- Cyan (22%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4524, 25.6944, 17.1590 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 32.4524, 25.6944, 17.1590 by changing the saturation by 10% instead.


 32.4524, 25.6944,
17.1590


 32.4524, 25.6944,
17.1590


304.8838,
281.2787, 248.1619


 21.8645, 16.5952,
10.1848


 62.8801, 52.7815,
39.3933


 13.8734, 9.9463,
5.4144


 83.4505, 71.5382,
55.4905

 8.1138, 5.3633,
2.4295


 108.0792, 94.2828,
75.4658

 4.2203, 2.4620,
0.8024

 137.1315,
121.3997, 99.7376

 1.8275, 0.8575,
0.0000

170.9728,
153.2734, 128.7246

 0.5341, 0.0000,
0.0000

209.9683,

 0.0000, 0.0000,

190.2882, 162.8453

0.0000

254.4835,
232.8285, 202.5182

■ 32.4524, 25.6944,
17.1590

■ 32.4524, 25.6944,
17.1590

■ 29.6502, 21.5772,
11.6405

■ 35.8967, 30.7103,
24.0806

■ 27.4484, 18.3019,
7.4278

■ 40.0176, 36.6697,
32.4907

■ 25.8030, 15.8112,
4.4132


■ 44.8495, 43.6189,
42.4699


■ 24.6637, 14.0391,
2.4713


■ 50.4237, 51.6001,
54.0922


■ 23.9691, 12.9082,
1.4436

■ 56.7698, 60.6530,
67.4271

 23.7942, 12.6242,
1.1826

 63.9158, 70.8154,
82.5402

 71.8882, 82.1230,
99.4935

 77.3631, 90.8821,
108.0723

Harmonies

Analogous

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



33.9590, 25.6944, 27.4788



32.4524, 25.6944, 17.1590



28.7596, 25.6944, 11.5927

Triad

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



32.4524, 25.6944, 17.1590



17.6974, 25.6944, 17.7931



24.5971, 25.6944, 60.1129

Complementary

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



32.4524, 25.6944, 17.1590



34.7847, 44.0742, 60.7065

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.



20.5436, 25.6944, 55.2312



32.4524, 25.6944, 17.1590



16.8617, 25.6944, 28.4808

Square

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



32.4524, 25.6944, 17.1590



20.2748, 25.6944, 11.8734



17.8390, 25.6944, 42.5901



29.0988, 25.6944, 54.4465

Rectangle

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



32.4524, 25.6944, 17.1590



25.7507, 25.6944, 10.1398



17.8390, 25.6944, 42.5901



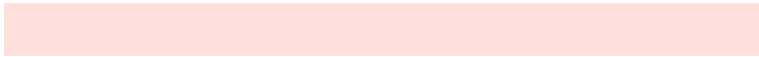
23.1393, 25.6944, 59.6424

Sweetspot

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



32.4530, 25.6957, 17.1595



80.3985, 79.0557, 78.2469



38.2516, 26.4339, 52.5689



16.7764, 16.3013, 15.8503



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.



32.4530, 25.6957, 17.1595



52.1017, 38.0552, 20.7437



38.8938, 38.5771, 19.3064



10.7160, 10.8011, 11.0828



15.3301, 8.1775, 0.7704



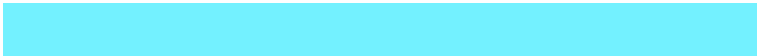
0.7551, 0.4455, 0.0462

Inverse Universe

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



34.7847, 44.0742, 60.7065



56.6235, 73.9201, 105.8914



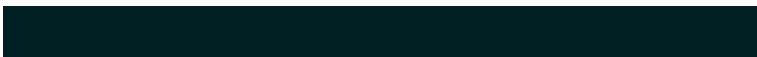
26.5488, 27.6023, 57.9612



10.8546, 11.8832, 13.6391



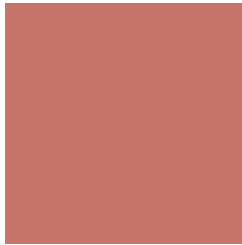
17.0978, 23.5895, 38.3964



0.8359, 1.1697, 1.8269

Previews

White Background



This preview shows how the XYZ color 32.4524, 25.6944, 17.1590 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 32.4524, 25.6944, 17.1590 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 32.4524, 25.6944, 17.1590

Background



This preview shows how black text looks on a background with the XYZ color 32.4524, 25.6944, 17.1590.



This preview shows how white text looks on a background with the XYZ color 32.4524, 25.6944,

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

32.4524, 25.6944, 17.1590

Protanopia

24.5353, 25.9763, 20.8603

Deuteranopia

26.1961, 25.6670, 16.6703



Tritanopia

33.3496, 25.7191, 21.6189

Trichromacy



Original Color

32.4524, 25.6944, 17.1590

Protanomaly

26.8794, 25.5545, 19.4354

Deuteranomaly

28.2706, 25.5458, 16.8054

Tritanomaly

33.1610, 25.8252, 20.0666

Monochromacy



Original Color

32.4524, 25.6944, 17.1590

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.7105, 25.3682, 23.9108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4524, 25.6944, 17.1590 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(199, 116, 107)` looks like.

```
.text, #text, p{  
    color:rgb(199, 116, 107)  
}
```

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(199, 116, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 116, 107) }
```

Border

The CSS property to change the border of an element to XYZ 32.4524, 25.6944, 17.1590 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(199, 116, 107) }
```


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

```
.border{ border-color:rgb(199, 116, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 116, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 116, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 116, 107); box-shadow:4px 4px 4px 4px rgb(199, 116, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4524, 25.6944, 17.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 116, 107) }
```

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

```
.background{ background-color: rgb(199,  
116, 107) }
```

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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