

Converting Colors

XYZ(32.9740, 25.5998, 18.2423)

Have a look what the booklet for
XYZ(32.9740, 25.5998, 18.2423)
contains.

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Color

**XYZ(32.9740, 25.5998,
18.2423)**

Conversions

Conversions Part 1

Format	Color
Hex	C9726F
RGB	201, 114, 111
RGB Percent	79%, 45%, 44%
CMY	0.2118, 0.5529, 0.5647
CMYK	0.00, 0.43, 0.45, 0.21
HSL	2°, 45%, 61%
HSV	2°, 45%, 79%
XYZ	32.9740, 25.5998, 18.2423
YIQ	139.6710, 52.8150, 17.5110

Conversions

Conversions Part 2

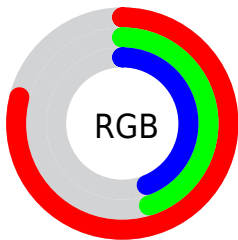
Format	Color
R_{YB}	201, 114, 111
Decimal	13202031
CIE _{Lab}	57.66, 33.85, 16.74
CIE _{LCh}	58, 37.761, 26.308
Yxy	25.5998, 0.4293, 0.3333
Android (android.graphics.Color)	4291392111 (0xFFC9726F)
YUV	139.6710, -14.1348, 53.7855
Hunter-Lab	50.5962, 27.7865, 14.0406

Details

The XYZ color **32.9740, 25.5998, 18.2423** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.2914, 47.9828, 62.5546**, and the grayscale version is **24.8390, 26.1325, 28.4583**.

A 20% lighter version of the original color is **61.6696, 51.5418, 41.3485**, and **14.2322, 9.9550, 5.8740** is the 20% darker color. If you saturate the color by 10%, you get **30.0256, 21.2795, 12.4000**, and if you desaturate by 10%, it is **36.6382, 30.9532, 25.5522**.

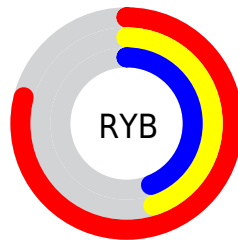
Distribution



Red (79%)

Green (45%)

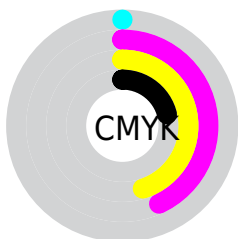
Blue (44%)



Red (79%)

Yellow (45%)

Blue (44%)

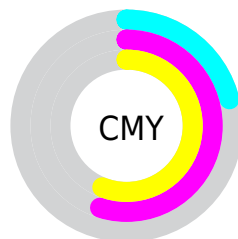


Cyan (0%)

Magenta (43%)

Yellow (45%)

Black (21%)



Cyan (21%)


Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9740, 25.5998, 18.2423 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 32.9740, 25.5998, 18.2423 by changing the saturation by 10% instead.


 32.9740, 25.5998,
18.2423

 32.9740, 25.5998,
18.2423


307.1996,
280.8120, 254.5151


 22.2657, 16.5245,
10.9528


 63.6899, 52.6286,
41.2693


 14.1699, 9.8961,
5.9214


 84.4281, 71.3509,
57.8439

 8.3214, 5.3301,
2.7293


 109.2404, 94.0577,
78.3506

 4.3548, 2.4422,
0.9581

 138.4921,
121.1332, 103.2080

 1.9048, 0.8475,
0.0000

172.5485,
152.9621, 132.8346

 0.5796, 0.0000,
0.0000

211.7750,

 0.0000, 0.0000,

189.9285, 167.6489

0.0000

256.5369,
232.4170, 208.0696

■ 32.9740, 25.5998,
18.2423

■ 32.9740, 25.5998,
18.2423

■ 30.0256, 21.2795,
12.4000

■ 36.6382, 30.9532,
25.5522

■ 27.7445, 17.9221,
7.9248

■ 41.0586, 37.3962,
34.4180

■ 26.0790, 15.4550,
4.7061


■ 46.2751, 44.9858,
44.9229


■ 24.9692, 13.7937,
2.6154


■ 52.3242, 53.7739,
57.1436


■ 24.3433, 12.8371,
1.4964

■ 59.2399, 63.8092,
71.1520

 24.1603, 12.5632,
1.1515

 67.0547, 75.1378,
87.0161

 75.7991, 87.8034,
104.8001

 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



34.0650, 25.5998, 29.5058



32.9740, 25.5998, 18.2423



29.4728, 25.5998, 11.8818

Triad

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



32.9740, 25.5998, 18.2423



17.7994, 25.5998, 16.2306



23.7770, 25.5998, 60.7783

Complementary

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



32.9740, 25.5998, 18.2423



37.2914, 47.9828, 62.5546

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.



19.8264, 25.5998, 54.1027



32.9740, 25.5998, 18.2423



16.6554, 25.5998, 26.3031

Square

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



32.9740, 25.5998, 18.2423



20.6832, 25.5998, 10.9978



17.3493, 25.5998, 40.4099



28.3861, 25.5998, 56.6325

Rectangle

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



32.9740, 25.5998, 18.2423



26.4453, 25.5998, 10.0228



17.3493, 25.5998, 40.4099



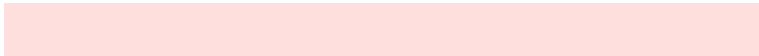
22.3341, 25.5998, 59.6835

Sweetspot

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



32.9747, 25.6011, 18.2428



80.7808, 79.2781, 80.0465



39.9650, 27.8639, 56.6980



16.8257, 16.2931, 16.1956



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.



32.9747, 25.6011, 18.2428



51.4154, 36.4451, 21.2470



39.3550, 38.3617, 20.3695



10.6618, 10.6927, 11.0647



15.2044, 7.9259, 0.7285



0.7301, 0.3956, 0.0379

Inverse Universe

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



37.2914, 47.9828, 62.5546



59.7375, 79.6448, 106.8322



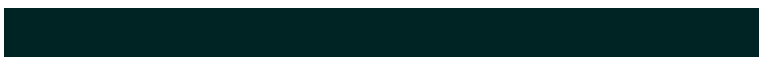
28.4896, 30.3793, 59.6206



10.9152, 12.0045, 13.6593



18.8134, 27.0207, 38.9683



0.9005, 1.2989, 1.8484

Previews

White Background



This preview shows how the XYZ color 32.9740, 25.5998, 18.2423 looks on a white background.

Color Contrast Check

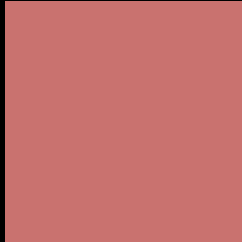
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9740, 25.5998, 18.2423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

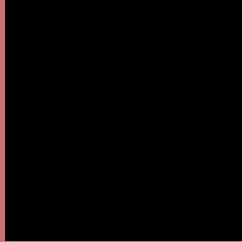
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9740, 25.5998, 18.2423

Background



This preview shows how black text looks on a background with the XYZ color 32.9740, 25.5998, 18.2423.



This preview shows how white text looks on a background with the XYZ color 32.9740, 25.5998,

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

32.9740, 25.5998, 18.2423

Protanopia

24.4848, 25.9150, 22.4505

Deuteranopia

26.1986, 25.6443, 17.7564



Tritanopia

33.7134, 25.7473, 21.2820

Trichromacy



Original Color

32.9740, 25.5998, 18.2423

Protanomaly

26.8295, 25.2965, 20.9214

Deuteranomaly

28.3526, 25.3729, 17.8711

Tritanomaly

33.4731, 25.6512, 20.0166

Monochromacy



Original Color

32.9740, 25.5998, 18.2423

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.9790, 25.4990, 24.2687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9740, 25.5998, 18.2423 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, 114, 111)` looks like.

```
.text, #text, p{  
    color:rgb(201, 114, 111)  
}
```

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, 114, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 114, 111) }
```

Border

The CSS property to change the border of an element to XYZ 32.9740, 25.5998, 18.2423 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, 114, 111) }
```


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

```
.border{ border-color:rgb(201, 114, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 114, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 114, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 114, 111);  
box-shadow:4px 4px 4px 4px rgb(201, 114,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9740, 25.5998, 18.2423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 114, 111) }
```

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

```
.background{ background-color: rgb(201,  
114, 111) }
```

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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