

Converting Colors

XYZ(32.3711, 22.8771, 16.0742)

Have a look what the booklet for
XYZ(32.3711, 22.8771, 16.0742)
contains.

XYZ(32.3711, 22.8771, 16.0742)	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(32.3711, 22.8771,
16.0742)**

Conversions

Conversions Part 1

Format	Color
Hex	CE6269
RGB	206, 98, 105
RGB Percent	81%, 38%, 41%
CMY	0.1922, 0.6157, 0.5882
CMYK	0.00, 0.52, 0.49, 0.19
HSL	356°, 52%, 60%
HSV	356°, 52%, 81%
XYZ	32.3711, 22.8771, 16.0742
YIQ	131.0900, 62.1210, 25.0730

Conversions

Conversions Part 2

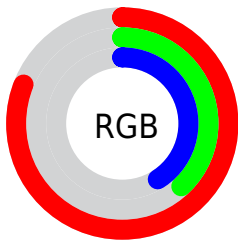
Format	Color
R _Y B	206, 98, 105
Decimal	13525609
CIE Lab	54.95, 43.38, 16.62
CIE LCh	55, 46.449, 20.962
Yxy	22.8771, 0.4539, 0.3208
Android (android.graphics.Color)	4291715689 (0xFFCE6269)
YUV	131.0900, -12.8624, 65.6961
Hunter-Lab	47.8300, 37.1053, 13.5555

Details

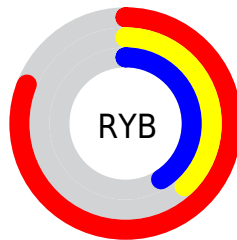
The XYZ color **32.3711, 22.8771, 16.0742** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.4184, 50.8633, 61.8816**, and the grayscale version is **21.6352, 22.7620, 24.7878**.

A 20% lighter version of the original color is **58.3074, 45.7935, 37.2184**, and **13.7733, 8.4625, 4.9105** is the 20% darker color. If you saturate the color by 10%, you get **29.8050, 19.1542, 10.8745**, and if you desaturate by 10%, it is **35.6586, 27.6840, 22.6214**.

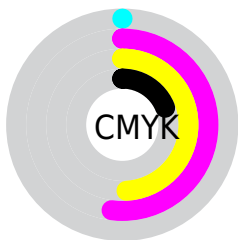
Distribution



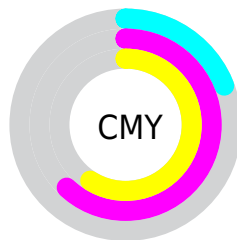
- Red (81%)
- Green (38%)
- Blue (41%)



- Red (81%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (52%)
- Yellow (49%)
- Black (19%)





- Cyan (19%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3711, 22.8771, 16.0742 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 32.3711, 22.8771, 16.0742 by changing the saturation by 10% instead.

 32.3711, 22.8771,
16.0742


 32.3711, 22.8771,
16.0742


304.5216,
267.0931, 241.6398


 21.8020, 14.5028,
9.4218


 62.7537, 48.1914,
37.4956

 13.8273, 8.4712,
4.9167


 83.2979, 65.9003,
53.1015

 8.0815, 4.3979,
2.1406


 107.8979, 87.4894,
72.5291

 4.1994, 1.8985,
0.6398

 136.9190,
113.3432, 96.1968

 1.8156, 0.5475,
0.0000

170.7265,
143.8461, 124.5232

 0.5270, 0.0000,
0.0000

209.6859,

 0.0000, 0.0000,

179.3824, 157.9268

0.0000

254.1625,
220.3366, 196.8262

■ 32.3711, 22.8771,
16.0742

■ 32.3711, 22.8771,
16.0742

■ 29.8050, 19.1542,
10.8745

■ 35.6586, 27.6840,
22.6214

■ 27.9044, 16.4279,
6.9273

■ 39.7145, 33.6462,
30.5998

■ 26.6079, 14.6030,
4.1272

■ 44.5836, 40.8335,
40.0875

■ 25.8419, 13.5644,
2.3509

■ 50.3071, 49.3087,
51.1567

■ 25.5284, 13.1517,
1.5855

■ 56.9231, 59.1306,
63.8752

■ 64.4677, 70.3544,
78.3064

■ 72.9747, 83.0320,
94.5108

■ 79.2635, 91.8618,
108.1612

Harmonies

Analogous

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



33.0707, 22.8771, 29.6383



32.3711, 22.8771, 16.0742



28.6007, 22.8771, 8.7301

Triad

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



32.3711, 22.8771, 16.0742



14.9202, 22.8771, 10.9703



20.2243, 22.8771, 64.7574

Complementary

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



32.3711, 22.8771, 16.0742



37.4184, 50.8633, 61.8816

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.



16.0813, 22.8771, 54.0906



32.3711, 22.8771, 16.0742



13.3531, 22.8771, 20.7121

Square

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



32.3711, 22.8771, 16.0742



18.3884, 22.8771, 6.6963



13.7417, 22.8771, 36.5026



25.4848, 22.8771, 61.9155

Rectangle

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



32.3711, 22.8771, 16.0742



25.1389, 22.8771, 6.5615



13.7417, 22.8771, 36.5026



18.6694, 22.8771, 62.5153

Sweetspot

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



32.3717, 22.8783, 16.0746



77.8411, 74.4560, 75.8070



39.0091, 25.3076, 61.2212



16.2465, 15.3225, 15.4239



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.



32.3717, 22.8783, 16.0746



47.8111, 30.3427, 16.6354



37.7539, 34.1946, 16.1673



11.2413, 11.2253, 11.8053



15.7324, 8.1036, 1.0436



0.8222, 0.4223, 0.1093

Inverse Universe

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



32.3717, 22.8783, 16.0746



47.8111, 30.3427, 16.6354



28.6113, 31.9193, 63.0454



11.2413, 11.2253, 11.8053



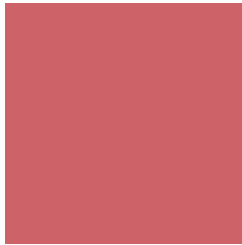
15.7324, 8.1036, 1.0436



0.8222, 0.4223, 0.1093

Previews

White Background



This preview shows how the XYZ color 32.3711, 22.8771, 16.0742 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 32.3711, 22.8771, 16.0742 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 32.3711, 22.8771, 16.0742

Background



This preview shows how black text looks on a background with the XYZ color 32.3711, 22.8771, 16.0742.



This preview shows how white text looks on a background with the XYZ color 32.3711, 22.8771,

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

32.3711, 22.8771, 16.0742

Protanopia

22.0806, 23.2260, 21.7317

Deuteranopia

23.4072, 23.0674, 15.2754



Tritanopia

32.3711, 22.8771, 16.0742

Trichromacy



Original Color

32.3711, 22.8771, 16.0742

Protanomaly

24.7691, 22.3753, 19.5364

Deuteranomaly

26.0992, 22.4488, 15.5278

Tritanomaly

32.3711, 22.8771, 16.0742

Monochromacy



Original Color

32.3711, 22.8771, 16.0742

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.2102, 21.8679, 21.3573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3711, 22.8771, 16.0742 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(206, 98, 105)` looks like.

```
.text, #text, p{  
    color:rgb(206, 98, 105)  
}
```

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(206, 98, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 98, 105) }
```

Border

The CSS property to change the border of an element to XYZ 32.3711, 22.8771, 16.0742 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(206, 98, 105) }
```


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

```
.border{ border-color:rgb(206, 98, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 98, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 98, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 98, 105);  
box-shadow:4px 4px 4px 4px rgb(206, 98,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3711, 22.8771, 16.0742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 98, 105) }
```

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

```
.background{ background-color: rgb(206, 98,  
105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor