

Converting Colors

XYZ(29.3576, 22.2384, 13.3396)

Have a look what the booklet for
XYZ(29.3576, 22.2384, 13.3396)
contains.

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Color

**XYZ(29.4764, 22.3109,
13.3425)**

Conversions

Conversions Part 1

Format	Color
Hex	C3685E
RGB	195, 104, 94
RGB Percent	76%, 41%, 37%
CMY	0.2353, 0.5921, 0.6314
CMYK	0.00, 0.47, 0.52, 0.24
HSL	6°, 46%, 57%
HSV	6°, 52%, 76%
XYZ	29.4764, 22.3109, 13.3425
YIQ	130.0690, 57.4460, 16.1820

Conversions

Conversions Part 2

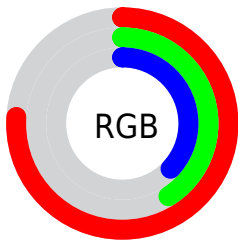
Format	Color
RYB	195, 105, 94
Decimal	12806238
CIELab	54.36, 35.18, 21.96
CIElCh	54, 41.477, 31.973
Yxy	22.3109, 0.4526, 0.3426
Android (android.graphics.Color)	4290996318 (0xFFC3685E)
YUV	130.0690, -17.7820, 56.9445
Hunter-Lab	47.2344, 28.7318, 16.3162

Details

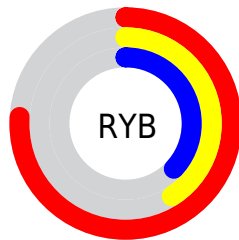
The XYZ color **29.4764, 22.3109, 13.3425** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **31.8143, 41.0156, 57.8697**, and the grayscale version is **21.2898, 22.3986, 24.3920**.

A 20% lighter version of the original color is **58.3310, 47.3876, 32.4579**, and **12.1692, 8.1701, 3.7319** is the 20% darker color. If you saturate the color by 10%, you get **27.1214, 18.8289, 8.7723**, and if you desaturate by 10%, it is **32.4219, 26.6204, 19.2004**.

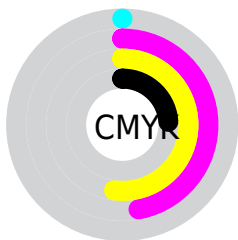
Distribution



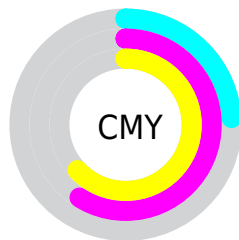
- Red (76%)
- Green (41%)
- Blue (37%)



- Red (76%)
- Yellow (41%)
- Blue (37%)



- Cyan (0%)
- Magenta (47%)
- Yellow (52%)
- Black (24%)





- Cyan (24%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4764, 22.3109, 13.3425 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 29.4764, 22.3109, 13.3425 by changing the saturation by 10% instead.


 29.4764, 22.3109,
13.3425


 29.4764, 22.3109,
13.3425

291.4100,
264.1656, 224.3856


 19.5876, 14.0855,
7.5313


 58.2255, 47.2593,
32.6179

 12.2021, 8.1802,
3.7131


 77.8165, 64.7511,
46.9192

 6.9547, 4.2105,
1.4693


 101.3722, 86.1006,
64.8876

 3.4798, 1.7920,
0.1949

 129.2581,
111.6920, 86.9417

 1.4123, 0.4822,
0.0000

161.8394,
141.9098, 113.5000

 0.2650, 0.0000,
0.0000

199.4816,

 0.0000, 0.0000,

177.1384, 144.9811

0.0000

242.5500,
217.7622, 181.8034

■ 29.4764, 22.3109,
13.3425

■ 29.4764, 22.3109,
13.3425

■ 27.1214, 18.8289,
8.7723

■ 32.4219, 26.6204,
19.2004

■ 25.3153, 16.1181,
5.3914

■ 35.9926, 31.8021,
26.4320

■ 24.0135, 14.1205,
3.0892

■ 40.2223, 37.9017,
35.1170

■ 23.1636, 12.7683,
1.7339

■ 45.1421, 44.9607,
45.3291

■ 22.7439, 12.0786,
1.1327

■ 50.7809, 53.0180,
57.1367

■ 57.1662, 62.1104,
70.6040

■ 64.3237, 72.2728,
85.7919

■ 72.2781, 83.5384,
102.7581

■ 76.3156, 90.3421,
108.0232

Harmonies

Analogous

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



31.1445, 22.3109, 23.4449



29.4764, 22.3109, 13.3425



25.5627, 22.3109, 8.2673

Triad

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



29.4764, 22.3109, 13.3425



14.4152, 22.3109, 14.3641



21.5068, 22.3109, 58.6770

Complementary

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



29.4764, 22.3109, 13.3425



31.8143, 41.0156, 57.8697

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.



17.3745, 22.3109, 53.5968



29.4764, 22.3109, 13.3425



13.6444, 22.3109, 25.1609

Square

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



29.4764, 22.3109, 13.3425



16.9241, 22.3109, 8.6926



14.6480, 22.3109, 40.0212



26.1550, 22.3109, 52.1559

Rectangle

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



29.4764, 22.3109, 13.3425



22.4442, 22.3109, 7.0293



14.6480, 22.3109, 40.0212



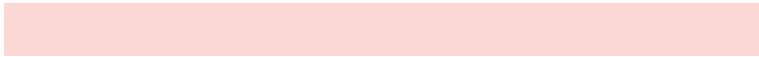
20.0139, 22.3109, 58.2650

Sweetspot

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



29.4770, 22.3121, 13.3429



76.7701, 74.6781, 72.6938



35.4335, 23.1777, 49.3863



16.4096, 15.7765, 15.0847



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.



29.4770, 22.3121, 13.3429



48.1483, 33.0871, 14.8984



35.9037, 35.1655, 15.4851



10.1517, 10.2348, 10.5023



14.8115, 7.9088, 0.7459



0.6677, 0.3971, 0.0415

Inverse Universe

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



31.8143, 41.0156, 57.8697



52.7270, 70.0764, 103.2169



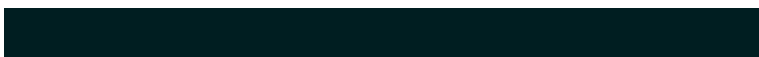
23.2824, 23.9518, 55.0257



10.2805, 11.2524, 12.9149



16.4873, 22.7310, 37.0752



0.7375, 1.0324, 1.6103

Previews

White Background



This preview shows how the XYZ color 29.4764, 22.3109, 13.3425 looks on a white background.

Color Contrast Check

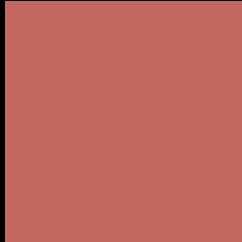
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4764, 22.3109, 13.3425 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 29.4764, 22.3109, 13.3425

Background



This preview shows how black text looks on a background with the XYZ color 29.4764, 22.3109, 13.3425.



This preview shows how white text looks on a background with the XYZ color 29.4764, 22.3109,

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

29.4764, 22.3109, 13.3425

Protanopia

21.0654, 22.4091, 16.8508

Deuteranopia

22.8894, 22.4733, 12.8042



Tritanopia

30.2766, 22.3426, 17.1848

Trichromacy



Original Color

29.4764, 22.3109, 13.3425

Protanomaly

23.5337, 22.0050, 15.5774

Deuteranomaly

24.8272, 22.0240, 12.8400

Tritanomaly

30.1139, 22.4357, 15.8401

Monochromacy



Original Color

29.4764, 22.3109, 13.3425

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.3747, 21.8291, 19.8111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4764, 22.3109, 13.3425 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(195, 104, 94)` looks like.

```
.text, #text, p{  
    color:rgb(195, 104, 94)  
}
```

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(195, 104, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 104, 94) }
```

Border

The CSS property to change the border of an element to XYZ 29.4764, 22.3109, 13.3425 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(195, 104, 94) }
```


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

```
.border{ border-color:rgb(195, 104, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 104, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 104, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 104, 94);  
box-shadow:4px 4px 4px 4px rgb(195, 104,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4764, 22.3109, 13.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 104, 94) }
```

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

```
.background{ background-color: rgb(195,  
104, 94) }
```

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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