

Converting Colors

XYZ(29.1228, 22.1269, 13.3688)

Have a look what the booklet for
XYZ(29.1228, 22.1269, 13.3688)
contains.

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Color

**XYZ(29.2188, 22.1781,
13.3305)**

Conversions

Conversions Part 1

Format	Color
Hex	C2685E
RGB	194, 104, 94
RGB Percent	76%, 41%, 37%
CMY	0.2392, 0.5921, 0.6314
CMYK	0.00, 0.46, 0.52, 0.24
HSL	6°, 45%, 56%
HSV	6°, 52%, 76%
XYZ	29.2188, 22.1781, 13.3305
YIQ	129.7700, 56.8500, 15.9700

Conversions

Conversions Part 2

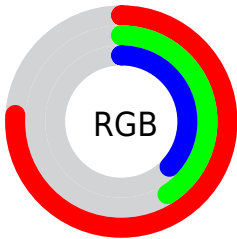
Format	Color
RYB	194, 105, 94
Decimal	12740702
CIELab	54.22, 34.80, 21.75
CIELCh	54, 41.037, 32.008
Yxy	22.1781, 0.4514, 0.3426
Android (android.graphics.Color)	4290930782 (0xFFC2685E)
YUV	129.7700, -17.6346, 56.3297
Hunter-Lab	47.0936, 28.3348, 16.1827

Details

The XYZ color **29.2188, 22.1781, 13.3305** 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 **31.4932, 40.5536, 57.2064**, and the grayscale version is **21.1837, 22.2869, 24.2704**.

A 20% lighter version of the original color is **57.9641, 47.1984, 32.4407**, and **12.0060, 8.0860, 3.7243** is the 20% darker color. If you saturate the color by 10%, you get **26.8760, 18.7151, 8.7811**, and if you desaturate by 10%, it is **32.1453, 26.4586, 19.1542**.

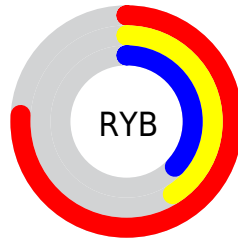
Distribution



Red (76%)

Green (41%)

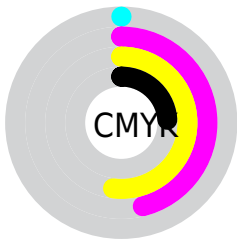
Blue (37%)



Red (76%)

Yellow (41%)

Blue (37%)

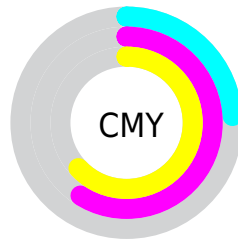


Cyan (0%)

Magenta (46%)

Yellow (52%)

Black (24%)



Cyan (24%)


Magenta (59%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2188, 22.1781, 13.3305 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 29.2188, 22.1781, 13.3305 by changing the saturation by 10% instead.


 29.2188, 22.1781,
13.3305


 29.2188, 22.1781,
13.3305

290.2215,
263.4749, 224.3068

 19.3915, 13.9878,
7.5231


 57.8197, 47.0402,
32.5961

 12.0592, 8.1122,
3.7080


 77.3240, 64.4808,
46.8915

 6.8565, 4.1668,
1.4666


 100.7847, 85.7736,
64.8532

 3.4180, 1.7673,
0.1928

 128.5672,
111.3030, 86.8999

 1.3785, 0.4667,
0.0000

161.0367,
141.4535, 113.4500

 0.2408, 0.0000,
0.0000

198.5587,

 0.0000, 0.0000,

176.6094, 144.9222

0.0000

241.4985,
217.1551, 181.7349

■ 29.2188, 22.1781,
13.3305

■ 29.2188, 22.1781,
13.3305

■ 26.8760, 18.7151,
8.7811

■ 32.1453, 26.4586,
19.1542

■ 25.0760, 16.0141,
5.4091

■ 35.6895, 31.6004,
26.3367

■ 23.7749, 14.0184,
3.1059

■ 39.8848, 37.6485,
34.9568

■ 22.9215, 12.6617,
1.7419

■ 44.7616, 44.6435,
45.0869

■ 22.4879, 11.9490,
1.1211

■ 50.3486, 52.6238,
56.7944

■ 56.6725, 61.6256,
70.1428

■ 63.7589, 71.6831,
85.1920

■ 71.6321, 82.8290,
101.9989

■ 76.0580, 90.2093,
108.0112

Harmonies

Analogous

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



30.8627, 22.1781, 23.2979



29.2188, 22.1781, 13.3305



25.3657, 22.1781, 8.3068

Triad

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



29.2188, 22.1781, 13.3305



14.3784, 22.1781, 14.3588



21.3815, 22.1781, 57.9435

Complementary

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



29.2188, 22.1781, 13.3305



31.4932, 40.5536, 57.2064

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.



17.3058, 22.1781, 52.9708



29.2188, 22.1781, 13.3305



13.6190, 22.1781, 25.0189

Square

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



29.2188, 22.1781, 13.3305



16.8535, 22.1781, 8.7365



14.6125, 22.1781, 39.6432



25.9590, 22.1781, 51.5314

Rectangle

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



29.2188, 22.1781, 13.3305



22.2944, 22.1781, 7.0795



14.6125, 22.1781, 39.6432



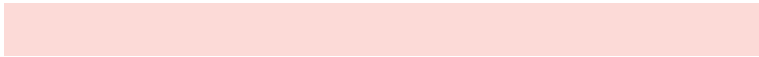
19.9098, 22.1781, 57.5439

Sweetspot

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



29.2193, 22.1792, 13.3309



77.6880, 75.9999, 74.5839



34.9025, 22.9355, 47.9347



16.5955, 16.0445, 15.4659



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.



29.2193, 22.1792, 13.3309



48.1653, 33.1210, 14.9041



35.8241, 35.3887, 15.5325



10.1525, 10.2364, 10.5026



14.8139, 7.9135, 0.7467



0.6680, 0.3978, 0.0416

Inverse Universe

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



31.4932, 40.5536, 57.2064



52.6822, 69.9869, 103.2020



22.8789, 23.3251, 54.3350



10.2797, 11.2506, 12.9146



16.4631, 22.6826, 37.0671



0.7367, 1.0308, 1.6100

Previews

White Background



This preview shows how the XYZ color 29.2188, 22.1781, 13.3305 looks on a white background.

Color Contrast Check

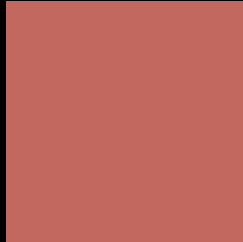
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2188, 22.1781, 13.3305 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 29.2188, 22.1781, 13.3305

Background



This preview shows how black text looks on a background with the XYZ color 29.2188, 22.1781, 13.3305.



This preview shows how white text looks on a background with the XYZ color 29.2188, 22.1781,

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

29.2188, 22.1781, 13.3305

Protanopia

21.0654, 22.4091, 16.8508

Deuteranopia

22.6966, 22.3740, 12.7952



Tritanopia

30.0174, 22.2090, 17.1727

Trichromacy



Original Color

29.2188, 22.1781, 13.3305

Protanomaly

23.3362, 21.9032, 15.5682

Deuteranomaly

24.6118, 21.9129, 12.8300

Tritanomaly

29.8546, 22.3021, 15.8279

Monochromacy



Original Color

29.2188, 22.1781, 13.3305

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.1851, 21.7314, 19.8022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2188, 22.1781, 13.3305 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(194, 104, 94)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 104, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 104, 94) }
```

Border

The CSS property to change the border of an element to XYZ 29.2188, 22.1781, 13.3305 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(194, 104, 94) }
```


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

```
.border{ border-color:rgb(194, 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(194, 104, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 104, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 104, 94);  
box-shadow:4px 4px 4px 4px rgb(194, 104,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2188, 22.1781, 13.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 104, 94) }
```

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

```
.background{ background-color: rgb(194,  
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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