

Converting Colors

XYZ(29.3858, 23.1561, 11.7406)

Have a look what the booklet for
XYZ(29.3858, 23.1561, 11.7406)
contains.

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Color

**XYZ(29.5038, 23.2931,
11.7451)**

Conversions

Conversions Part 1

Format	Color
Hex	C26E56
RGB	194, 110, 86
RGB Percent	76%, 43%, 34%
CMY	0.2392, 0.5686, 0.6627
CMYK	0.00, 0.43, 0.56, 0.24
HSL	13°, 47%, 55%
HSV	13°, 56%, 76%
XYZ	29.5038, 23.2931, 11.7451
YIQ	132.3800, 57.7680, 10.3440

Conversions

Conversions Part 2

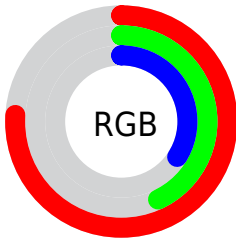
Format	Color
RYB	194, 117, 86
Decimal	12742230
CIELab	55.37, 30.90, 27.85
CIELCh	55, 41.602, 42.027
Yxy	23.2931, 0.4571, 0.3609
Android (android.graphics.Color)	4290932310 (0xFFC26E56)
YUV	132.3800, -22.8653, 54.0407
Hunter-Lab	48.2629, 24.6594, 19.3554

Details

The XYZ color **29.5038, 23.2931, 11.7451** 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 **27.9492, 34.6211, 56.2482**, and the grayscale version is **22.1355, 23.2883, 25.3609**.

A 20% lighter version of the original color is **58.4142, 49.0428, 29.6800**, and **12.1522, 8.6192, 3.0307** is the 20% darker color. If you saturate the color by 10%, you get **27.3341, 20.0394, 7.6750**, and if you desaturate by 10%, it is **32.1640, 27.1885, 17.0256**.

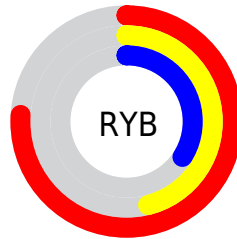
Distribution



Red (76%)

Green (43%)

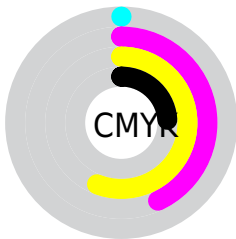
Blue (34%)



Red (76%)

Yellow (46%)

Blue (34%)

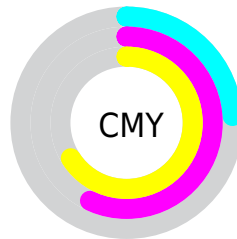


Cyan (0%)

Magenta (43%)

Yellow (56%)

Black (24%)



Cyan (24%)


Magenta (57%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5038, 23.2931, 11.7451 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 29.5038, 23.2931, 11.7451 by changing the saturation by 10% instead.


 29.5038, 23.2931,
11.7451


 29.5038, 23.2931,
11.7451


291.5362,
269.2269, 213.6281


 19.6085, 14.8101,
6.4499


 58.2686, 48.8742,
29.6874

 12.2174, 8.6862,
3.0474


 77.8688, 66.7410,
43.1717


 6.9651, 4.5371,
1.1189


 101.4346, 88.5045,
60.2226

 3.4864, 1.9783,
0.0000

 129.3315,
114.5492, 81.2590

 1.4159, 0.5948,
0.0000

 161.9247,
145.2593, 106.6991

 0.2675, 0.0000,
0.0000

199.5797,

 0.0000, 0.0000,

181.0194, 136.9617

0.0000

242.6617,
222.2138, 172.4651

■ 29.5038, 23.2931,
11.7451

■ 29.5038, 23.2931,
11.7451

■ 27.3341, 20.0394,
7.6750

■ 32.1640, 27.1885,
17.0256

■ 25.6214, 17.3886,
4.7166

■ 35.3417, 31.7542,
23.6019

■ 24.3308, 15.3032,
2.7576

■ 39.0638, 37.0216,
31.5532

■ 23.4199, 13.7394,
1.6589

■ 43.3548, 43.0190,
40.9518

■ 23.1163, 13.2058,
1.3306

■ 48.2377, 49.7729,
51.8650

■ 53.7343, 57.3087,
64.3559

■ 59.8652, 65.6506,
78.4840

■ 66.6499, 74.8215,
94.3056

■ 73.1923, 84.4777,
107.0559

Harmonies

Analogous

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



32.1368, 23.2931, 20.3712



29.5038, 23.2931, 11.7451



25.0281, 23.2931, 7.9196

Triad

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



29.5038, 23.2931, 11.7451



14.6479, 23.2931, 18.2242



24.0641, 23.2931, 59.7553

Complementary

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



29.5038, 23.2931, 11.7451



27.9492, 34.6211, 56.2482

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.



19.4820, 23.2931, 58.5407



29.5038, 23.2931, 11.7451



14.4656, 23.2931, 31.1084

Square

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



29.5038, 23.2931, 11.7451



16.6544, 23.2931, 10.6515



16.1154, 23.2931, 46.7744



28.7131, 23.2931, 49.6698

Rectangle

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



29.5038, 23.2931, 11.7451



21.8233, 23.2931, 7.3628



16.1154, 23.2931, 46.7744



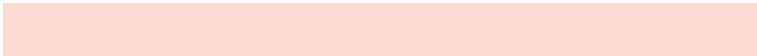
22.4586, 23.2931, 60.7318

Sweetspot

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



29.5044, 23.2943, 11.7455



77.2333, 76.1104, 71.2886



32.8885, 21.0501, 40.6581



16.5529, 16.1650, 14.8181



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.



29.5044, 23.2943, 11.7455



48.7070, 35.0601, 12.4463



37.0962, 38.4779, 14.2761



10.2507, 10.4329, 10.5354



15.2496, 8.7849, 0.8919



0.7120, 0.4858, 0.0562

Inverse Universe

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



27.9492, 34.6211, 56.2482



45.5002, 57.4371, 101.1581



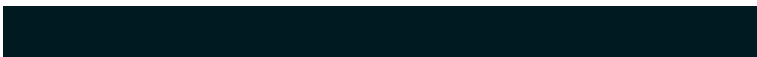
19.8903, 18.5032, 53.5619



10.1725, 11.0363, 12.8789



13.7285, 17.2136, 36.1556



0.6412, 0.8398, 1.5782

Previews

White Background



This preview shows how the XYZ color 29.5038, 23.2931, 11.7451 looks on a white background.

Color Contrast Check

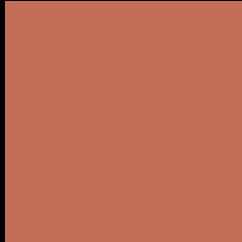
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5038, 23.2931, 11.7451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

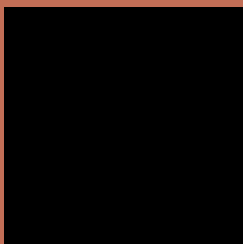
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5038, 23.2931, 11.7451

Background



This preview shows how black text looks on a background with the XYZ color 29.5038, 23.2931, 11.7451.



This preview shows how white text looks on a background with the XYZ color 29.5038, 23.2931,

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

29.5038, 23.2931, 11.7451

Protanopia

21.7808, 23.4409, 14.2031

Deuteranopia

23.8486, 23.3803, 11.4395



Tritanopia

30.9562, 23.2587, 18.7774

Trichromacy



Original Color

29.5038, 23.2931, 11.7451

Protanomaly

24.1657, 23.1213, 13.3144

Deuteranomaly

25.6712, 23.1991, 11.5124

Tritanomaly

30.2621, 23.1170, 15.9637

Monochromacy



Original Color

29.5038, 23.2931, 11.7451

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.8197, 22.6217, 19.3306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5038, 23.2931, 11.7451 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, 110, 86)` looks like.

```
.text, #text, p{  
    color:rgb(194, 110, 86)  
}
```

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, 110, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 110, 86) }
```

Border

The CSS property to change the border of an element to XYZ 29.5038, 23.2931, 11.7451 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, 110, 86) }
```


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

```
.border{ border-color:rgb(194, 110, 86) }
```

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

Here you see how a box with a 4 pixel rgb(194, 110, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 110, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 110, 86);  
box-shadow:4px 4px 4px 4px rgb(194, 110,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5038, 23.2931, 11.7451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 110, 86) }
```

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

```
.background{ background-color: rgb(194,  
110, 86) }
```

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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