

Converting Colors

XYZ(29.5428, 23.9726, 11.2340)

Have a look what the booklet for
XYZ(29.5428, 23.9726, 11.2340)
contains.

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Color

**XYZ(29.5710, 23.9966,
11.2569)**

Conversions

Conversions Part 1

Format	Color
Hex	C17253
RGB	193, 114, 83
RGB Percent	76%, 45%, 33%
CMY	0.2431, 0.5529, 0.6745
CMYK	0.00, 0.41, 0.57, 0.24
HSL	17°, 47%, 54%
HSV	17°, 57%, 76%
XYZ	29.5710, 23.9966, 11.2569
YIQ	134.0870, 57.0350, 7.1070

Conversions

Conversions Part 2

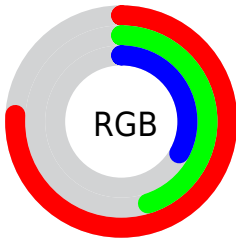
Format	Color
RYB	193, 126, 83
Decimal	12677715
CIELab	56.08, 28.09, 30.42
CIELCh	56, 41.405, 47.273
Yxy	23.9966, 0.4562, 0.3702
Android (android.graphics.Color)	4290867795 (0xFFC17253)
YUV	134.0870, -25.1859, 51.6667
Hunter-Lab	48.9863, 22.0269, 20.6658

Details

The XYZ color **29.5710, 23.9966, 11.2569** is a dark color, and the websafe version is hex **996633**. The color can be described as middle muted orange. A complement of this color would be **26.1126, 31.5285, 55.1613**, and the grayscale version is **22.7676, 23.9533, 26.0851**.

A 20% lighter version of the original color is **58.5604, 50.2135, 28.7960**, and **12.2159, 9.0651, 2.8561** is the 20% darker color. If you saturate the color by 10%, you get **27.4803, 20.8464, 7.3815**, and if you desaturate by 10%, it is **32.1072, 27.7060, 16.3044**.

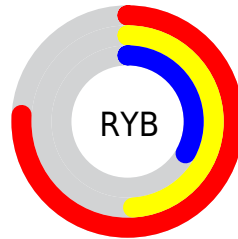
Distribution



Red (76%)

Green (45%)

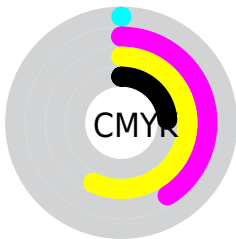
Blue (33%)



Red (76%)

Yellow (49%)

Blue (33%)

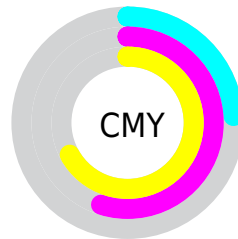


Cyan (0%)

Magenta (41%)

Yellow (57%)

Black (24%)



Cyan (24%)


Magenta (55%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5710, 23.9966, 11.2569 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 29.5710, 23.9966, 11.2569 by changing the saturation by 10% instead.


 29.5710, 23.9966,
11.2569


 29.5710, 23.9966,
11.2569


291.8455,
272.8033, 210.2220

 19.6596, 15.3311,
6.1236


 58.3744, 50.0247,
28.7781


 12.2547, 9.0521,
2.8504


 77.9971, 68.1560,
42.0031


 6.9908, 4.7752,
1.0187


 101.5877, 90.2114,
58.7624

 3.5026, 2.1160,
0.0000

 129.5114,
116.5753, 79.4745

 1.4248, 0.6736,
0.0000

 162.1337,
147.6320, 104.5579

 0.2738, 0.0000,
0.0000

199.8199,

 0.0000, 0.0000,

183.7660, 134.4313

0.0000

242.9354,
225.3616, 169.5131

■ 29.5710, 23.9966,
11.2569

■ 29.5710, 23.9966,
11.2569

■ 27.4803, 20.8464,
7.3815

■ 32.1072, 27.7060,
16.3044

■ 25.8051, 18.2235,
4.5800

■ 35.1127, 31.9972,
22.6085

■ 24.5138, 16.0979,
2.7406

■ 38.6117, 36.8957,
30.2474

■ 23.5657, 14.4335,
1.7105

■ 42.6261, 42.4247,
39.2922

■ 23.3301, 14.0130,
1.4752

■ 47.1764, 48.6058,
49.8095

■ 52.2820, 55.4597,
61.8612

■ 57.9612, 63.0062,
75.5057

■ 64.2315, 71.2643,
90.7985

■ 70.8346, 80.1420,
106.3433

Harmonies

Analogous

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



32.6699, 23.9966, 19.1161



29.5710, 23.9966, 11.2569



24.8764, 23.9966, 8.0370

Triad

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



29.5710, 23.9966, 11.2569



15.0199, 23.9966, 20.7871



25.6240, 23.9966, 59.8381

Complementary

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



29.5710, 23.9966, 11.2569



26.1126, 31.5285, 55.1613

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.



20.8577, 23.9966, 60.7744



29.5710, 23.9966, 11.2569



15.1621, 23.9966, 34.6743

Square

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



29.5710, 23.9966, 11.2569



16.7442, 23.9966, 12.1133



17.1639, 23.9966, 50.3888



30.1833, 23.9966, 48.1533

Rectangle

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



29.5710, 23.9966, 11.2569



21.6731, 23.9966, 7.8420



17.1639, 23.9966, 50.3888



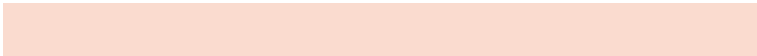
23.9820, 23.9966, 61.5350

Sweetspot

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



29.5716, 23.9978, 11.2573



76.1358, 75.6983, 69.8976



31.7564, 20.1925, 37.1882



16.0065, 15.7917, 14.2509



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.5716, 23.9978, 11.2573



48.5368, 36.2873, 12.0292



37.4336, 39.7218, 13.8780



10.2992, 10.5299, 10.5515



15.5766, 9.4390, 1.0009



0.7334, 0.5286, 0.0634

Inverse Universe

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



26.1126, 31.5285, 55.1613



41.6665, 50.8425, 97.9778



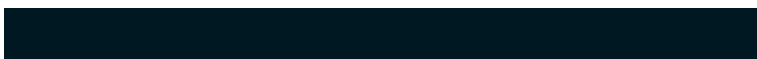
18.6263, 16.5558, 52.6658



10.1209, 10.9330, 12.8617



12.5751, 14.9068, 35.7711



0.5993, 0.7560, 1.5642

Previews

White Background



This preview shows how the XYZ color 29.5710, 23.9966, 11.2569 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 29.5710, 23.9966, 11.2569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

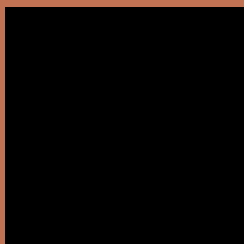
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5710, 23.9966, 11.2569

Background



This preview shows how black text looks on a background with the XYZ color 29.5710, 23.9966, 11.2569.



This preview shows how white text looks on a background with the XYZ color 29.5710, 23.9966,

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

29.5710, 23.9966, 11.2569

Protanopia

22.4064, 24.1943, 13.3865

Deuteranopia

24.6081, 24.1722, 10.9581



Tritanopia

31.1852, 23.8237, 19.7844

Trichromacy



Original Color

29.5710, 23.9966, 11.2569

Protanomaly

24.4551, 23.6699, 12.5123

Deuteranomaly

26.3721, 24.1233, 11.0509

Tritanomaly

30.4824, 23.8581, 16.3631

Monochromacy



Original Color

29.5710, 23.9966, 11.2569

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.2015, 23.3851, 19.4579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5710, 23.9966, 11.2569 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(193, 114, 83)` looks like.

```
.text, #text, p{  
    color:rgb(193, 114, 83)  
}
```

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(193, 114, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 114, 83) }
```

Border

The CSS property to change the border of an element to XYZ 29.5710, 23.9966, 11.2569 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(193, 114, 83) }
```


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

```
.border{ border-color:rgb(193, 114, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 114, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 114, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 114, 83);  
box-shadow:4px 4px 4px 4px rgb(193, 114,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5710, 23.9966, 11.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 114, 83) }
```

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

```
.background{ background-color: rgb(193,  
114, 83) }
```

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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