

Converting Colors

XYZ(29.5296, 25.5051, 8.1437)

Have a look what the booklet for
XYZ(29.5296, 25.5051, 8.1437)
contains.

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Color

**XYZ(29.6232, 25.4957,
8.2103)**

Conversions

Conversions Part 1

Format	Color
Hex	C07A40
RGB	192, 122, 64
RGB Percent	75%, 48%, 25%
CMY	0.2471, 0.5215, 0.7490
CMYK	0.00, 0.36, 0.67, 0.25
HSL	27°, 50%, 50%
HSV	27°, 67%, 75%
XYZ	29.6232, 25.4957, 8.2103
YIQ	136.3180, 60.3380, -3.1980

Conversions

Conversions Part 2

Format	Color
R_{YB}	192, 170, 64
Decimal	12614208
CIE Lab	57.56, 21.95, 42.32
CIE LCh	58, 47.679, 62.585
Yxy	25.4957, 0.4678, 0.4026
Android (android.graphics.Color)	4290804288 (0xFFC07A40)
YUV	136.3180, -35.6528, 48.8331
Hunter-Lab	50.4933, 16.3585, 25.7046

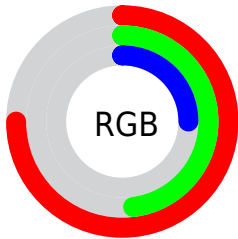
Details

The XYZ color **29.6232, 25.4957, 8.2103** is a dark color, and the websafe version is hex **996633**.

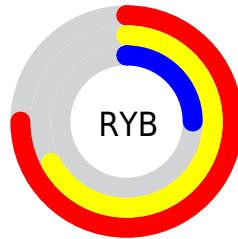
The color can be described as dark muted orange. A complement of this color would be **20.1533, 21.9448, 53.0425**, and the grayscale version is **23.6354, 24.8663, 27.0794**.

A 20% lighter version of the original color is **58.5121, 52.5703, 22.9827**, and **12.3003, 9.8679, 1.7083** is the 20% darker color. If you saturate the color by 10%, you get **27.9478, 22.8740, 5.4047**, and if you desaturate by 10%, it is **31.6271, 28.4738, 12.0535**.

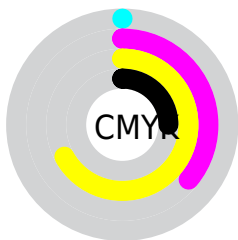
Distribution



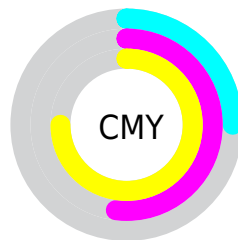
- Red (75%)
- Green (48%)
- Blue (25%)



- Red (75%)
- Yellow (67%)
- Blue (25%)



- Cyan (0%)
- Magenta (36%)
- Yellow (67%)
- Black (25%)





- Cyan (25%)
- Magenta (52%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6232, 25.4957, 8.2103 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 29.6232, 25.4957, 8.2103 by changing the saturation by 10% instead.

 29.6232, 25.4957,
8.2103


 29.6232, 25.4957,
8.2103


292.0856,
280.2976, 187.3681


 19.6994, 16.4468,
4.1401


 58.4565, 52.4603,
22.9226


 12.2837, 9.8408,
1.7025


 78.0967, 71.1447,
34.4019


 7.0108, 5.2936,
0.3625


 101.7065, 93.8097,
49.1878

 3.5152, 2.4205,
0.0000

 129.6511,
120.8397, 67.6991

 1.4317, 0.8364,
0.0000

 162.2960,
152.6191, 90.3543

 0.2787, 0.0000,
0.0000

 200.0065,

 0.0000, 0.0000,

189.5323, 117.5718

0.0000

243.1479,
231.9637, 149.7702

■ 29.6232, 25.4957,
8.2103

■ 29.6232, 25.4957,
8.2103

■ 27.9478, 22.8740,
5.4047

■ 31.6271, 28.4738,
12.0535

■ 26.5745, 20.5879,
3.5273

■ 33.9794, 31.8198,
17.0259

■ 25.4723, 18.6187,
2.4351

■ 36.7001, 35.5492,
23.2105

■ 25.1469, 18.0239,
2.1536

■ 39.8070, 39.6754,
30.6819

■ 43.3166, 44.2109,
39.5088

■ 47.2444, 49.1676,
49.7549

■ 51.6049, 54.5570,
61.4797

■ 56.4121, 60.3899,
74.7396

■ 61.6790, 66.6769,
89.5876

Harmonies

Analogous

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



34.6613, 25.4957, 14.0818



29.6232, 25.4957, 8.2103



23.7431, 25.4957, 6.7587

Triad

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



29.6232, 25.4957, 8.2103



14.8699, 25.4957, 29.1969



30.6105, 25.4957, 63.3822

Complementary

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



29.6232, 25.4957, 8.2103



20.1533, 21.9448, 53.0425

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.



24.7294, 25.4957, 72.2575



29.6232, 25.4957, 8.2103



16.1390, 25.4957, 48.2677

Square

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



29.6232, 25.4957, 8.2103



15.7658, 25.4957, 15.6958



19.5397, 25.4957, 65.8628



35.2911, 25.4957, 44.8161

Rectangle

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



29.6232, 25.4957, 8.2103



20.2719, 25.4957, 7.7252



19.5397, 25.4957, 65.8628



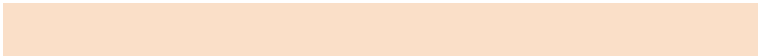
28.6789, 25.4957, 67.8661

Sweetspot

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



29.6238, 25.4970, 8.2108



76.0772, 77.0173, 65.4507



27.9027, 16.6058, 24.4356



15.9349, 16.0236, 13.0704



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.



29.6238, 25.4970, 8.2108



49.4263, 39.4606, 8.0270



40.1383, 46.5260, 11.7156



10.4407, 10.8128, 10.5987



16.9970, 12.2797, 1.4744



0.8032, 0.6681, 0.0866

Inverse Universe

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



20.1533, 21.9448, 53.0425



31.0045, 32.4743, 94.9944



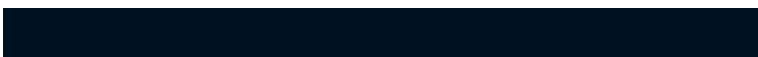
13.8442, 9.3265, 50.9395



9.9745, 10.6403, 12.8129



9.8796, 9.5156, 34.8726



0.4950, 0.5474, 1.5295

Previews

White Background



This preview shows how the XYZ color 29.6232, 25.4957, 8.2103 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 29.6232, 25.4957, 8.2103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

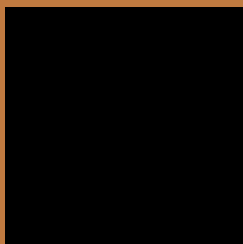
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6232, 25.4957, 8.2103

Background



This preview shows how black text looks on a background with the XYZ color 29.6232, 25.4957, 8.2103.



This preview shows how white text looks on a background with the XYZ color 29.6232, 25.4957,

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

29.6232, 25.4957, 8.2103

Protanopia

23.4437, 25.6672, 9.3489

Deuteranopia

26.1340, 25.6210, 8.1254



Tritanopia

32.5338, 25.4525, 22.2669

Trichromacy



Original Color

29.6232, 25.4957, 8.2103

Protanomaly

25.3370, 25.3958, 8.8767

Deuteranomaly

27.2068, 25.3809, 8.1677

Tritanomaly

31.3824, 25.5183, 15.8419

Monochromacy



Original Color

29.6232, 25.4957, 8.2103

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.6411, 24.4263, 18.1679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6232, 25.4957, 8.2103 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(192, 122, 64)` looks like.

```
.text, #text, p{  
    color:rgb(192, 122, 64)  
}
```

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(192, 122, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 122, 64) }
```

Border

The CSS property to change the border of an element to XYZ 29.6232, 25.4957, 8.2103 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(192, 122, 64) }
```


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

```
.border{ border-color:rgb(192, 122, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 122, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 122, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 122, 64);  
box-shadow:4px 4px 4px 4px rgb(192, 122,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6232, 25.4957, 8.2103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 122, 64) }
```

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

```
.background{ background-color: rgb(192,  
122, 64) }
```

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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