

Converting Colors

XYZ(29.8407, 26.5904, 6.2490)

Have a look what the booklet for
XYZ(29.8407, 26.5904, 6.2490)
contains.

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Color

**XYZ(29.8407, 26.5904,
6.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	C07F2F
RGB	192, 127, 47
RGB Percent	75%, 50%, 18%
CMY	0.2471, 0.5019, 0.8157
CMYK	0.00, 0.34, 0.76, 0.25
HSL	33°, 61%, 47%
HSV	33°, 76%, 75%
XYZ	29.8407, 26.5904, 6.2490
YIQ	137.3150, 64.4200, -11.1000

Conversions

Conversions Part 2

Format	Color
R_{YB}	165, 192, 47
Decimal	12615471
CIE _{Lab}	58.59, 18.31, 51.46
CIE _{LCh}	59, 54.622, 70.419
Yxy	26.5904, 0.4761, 0.4242
Android (android.graphics.Color)	4290805551 (0xFFC07F2F)
YUV	137.3150, -44.5253, 47.9587
Hunter-Lab	51.5659, 13.0560, 28.9111

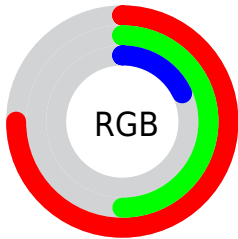
Details

The XYZ color **29.8407, 26.5904, 6.2490** is a dark color, and the websafe version is hex **996600**.

The color can be described as dark muted orange. A complement of this color would be **16.4806, 15.9978, 52.0882**, and the grayscale version is **24.0441, 25.2963, 27.5477**.

A 20% lighter version of the original color is **58.6707, 54.2198, 18.9285**, and **12.5559, 10.5171, 1.3682** is the 20% darker color. If you saturate the color by 10%, you get **28.4709, 24.3403, 4.2838**, and if you desaturate by 10%, it is **31.4770, 29.1012, 9.1437**.

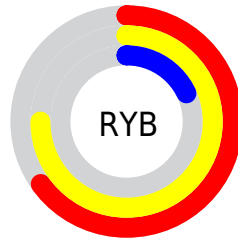
Distribution



Red (75%)

Green (50%)

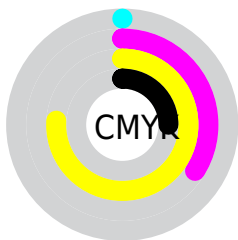
Blue (18%)



Red (65%)

Yellow (75%)

Blue (18%)

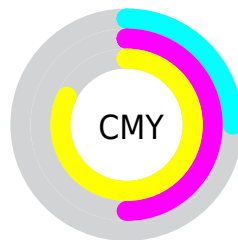


Cyan (0%)

Magenta (34%)

Yellow (76%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.8407, 26.5904, 6.2490 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 29.8407, 26.5904, 6.2490 by changing the saturation by 10% instead.


 29.8407, 26.5904,
6.2490


 29.8407, 26.5904,
6.2490


293.0844,
285.6684, 170.6558


 19.8652, 17.2658,
2.9258


 58.7985, 54.2259,
18.9321


 12.4048, 10.4242,
1.0569


 78.5115, 73.3056,
29.1291


 7.0941, 5.6811,
0.0000


 102.2011, 96.4058,
42.4545

 3.5679, 2.6522,
0.0000

 130.2325,
123.9110, 59.3268

 1.4607, 0.9530,
0.0000

 162.9712,
156.2054, 80.1645

 0.2989, 0.0000,
0.0000

 200.7825,

 0.0000, 0.0000,

193.6735, 105.3862

0.0000

244.0318,
236.6997, 135.4105

■ 29.8407, 26.5904,
6.2490

■ 29.8407, 26.5904,
6.2490

■ 28.4709, 24.3403,
4.2838

■ 31.4770, 29.1012,
9.1437

■ 27.3388, 22.3324,
3.1167

■ 33.4001, 31.8813,
13.0717

■ 26.8856, 21.5014,
2.7332

■ 35.6300, 34.9431,
18.1245

■ 38.1839, 38.2971,
24.3829

■ 41.0778, 41.9529,
31.9202

■ 44.3263, 45.9195,
40.8038

■ 47.9432, 50.2057,
51.0965

■ 51.9414, 54.8195,
62.8569

■ 56.3330, 59.7689,
76.1403

Harmonies

Analogous

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



36.4028, 26.5904, 11.0162



29.8407, 26.5904, 6.2490



23.0148, 26.5904, 5.7161

Triad

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



29.8407, 26.5904, 6.2490



14.6038, 26.5904, 36.1491



34.5785, 26.5904, 67.0972

Complementary

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



29.8407, 26.5904, 6.2490



16.4806, 15.9978, 52.0882

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.



27.6751, 26.5904, 82.4988



29.8407, 26.5904, 6.2490



16.6806, 26.5904, 60.0613

Square

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



29.8407, 26.5904, 6.2490



14.9764, 26.5904, 18.2655



21.1976, 26.5904, 79.4712



39.4553, 26.5904, 43.1589

Rectangle

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



29.8407, 26.5904, 6.2490



19.2965, 26.5904, 7.3695



21.1976, 26.5904, 79.4712



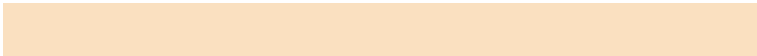
32.3722, 26.5904, 73.8373

Sweetspot

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



29.8413, 26.5918, 6.2495



75.6422, 77.5146, 61.0903



25.6934, 14.4151, 16.8309



15.7913, 16.0883, 11.9379



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.



29.8413, 26.5918, 6.2495



50.1225, 41.5341, 6.1593



39.3099, 48.1875, 9.9189



10.5235, 10.9785, 10.6263



18.1699, 14.6256, 1.8654



0.8531, 0.7679, 0.1033

Inverse Universe

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



16.4806, 15.9978, 52.0882



24.8426, 21.5944, 93.2191



12.0659, 6.6302, 50.5128



9.8917, 10.4747, 12.7853



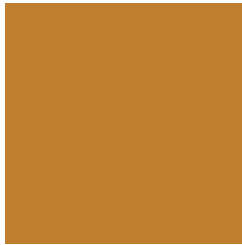
8.7203, 7.1970, 34.4862



0.4455, 0.4483, 1.5129

Previews

White Background



This preview shows how the XYZ color 29.8407, 26.5904, 6.2490 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 29.8407, 26.5904, 6.2490 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 29.8407, 26.5904, 6.2490

Background



This preview shows how black text looks on a background with the XYZ color 29.8407, 26.5904, 6.2490.



This preview shows how white text looks on a background with the XYZ color 29.8407, 26.5904,

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

29.8407, 26.5904, 6.2490

Protanopia

24.3711, 26.8541, 7.0308

Deuteranopia

27.1302, 26.5868, 6.1845



Tritanopia

33.5191, 26.6225, 23.7941

Trichromacy



Original Color

29.8407, 26.5904, 6.2490

Protanomaly

26.0989, 26.6677, 6.7894

Deuteranomaly

27.9008, 26.3749, 6.2051

Tritanomaly

31.7173, 26.4220, 15.2327

Monochromacy



Original Color

29.8407, 26.5904, 6.2490

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.7908, 24.9426, 16.6045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8407, 26.5904, 6.2490 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, 127, 47)` looks like.

```
.text, #text, p{  
    color:rgb(192, 127, 47)  
}
```

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, 127, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 127, 47) }
```

Border

The CSS property to change the border of an element to XYZ 29.8407, 26.5904, 6.2490 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, 127, 47) }
```


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

```
.border{ border-color:rgb(192, 127, 47) }
```

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

Here you see how a box with a 4 pixel rgb(192, 127, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 127, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 127, 47);  
box-shadow:4px 4px 4px 4px rgb(192, 127,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8407, 26.5904, 6.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 127, 47) }
```

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

```
.background{ background-color: rgb(192,  
127, 47) }
```

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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