

Converting Colors

XYZ(30.0590, 30.0939, 6.4532)

Have a look what the booklet for
XYZ(30.0590, 30.0939, 6.4532)
contains.

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Color

**XYZ(30.0075, 30.0024,
6.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	B88F2A
RGB	184, 143, 42
RGB Percent	72%, 56%, 16%
CMY	0.2784, 0.4392, 0.8353
CMYK	0.00, 0.22, 0.77, 0.28
HSL	43°, 63%, 44%
HSV	43°, 77%, 72%
XYZ	30.0075, 30.0024, 6.4000
YIQ	143.7450, 56.8570, -22.7190

Conversions

Conversions Part 2

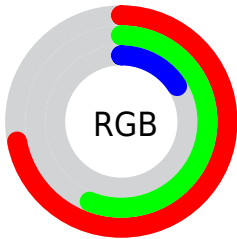
Format	Color
RYB	100, 184, 42
Decimal	12095274
CIELab	61.66, 5.74, 56.13
CIELCh	62, 56.420, 84.165
Yxy	30.0024, 0.4519, 0.4518
Android (android.graphics.Color)	4290285354 (0xFFB88F2A)
YUV	143.7450, -50.1603, 35.3036
Hunter-Lab	54.7744, 1.9337, 31.4145

Details

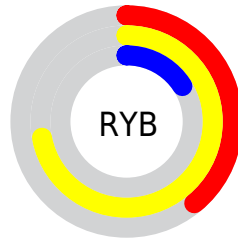
The XYZ color **30.0075, 30.0024, 6.4000** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **12.6998, 10.1392, 46.6347**, and the grayscale version is **26.5867, 27.9713, 30.4608**.

A 20% lighter version of the original color is **59.1137, 59.5392, 19.2031**, and **12.6667, 12.3407, 1.7144** is the 20% darker color. If you saturate the color by 10%, you get **28.9722, 28.3435, 4.7866**, and if you desaturate by 10%, it is **31.2330, 31.8002, 8.8231**.

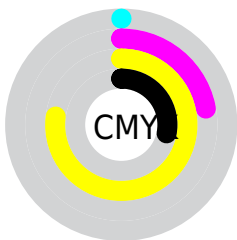
Distribution



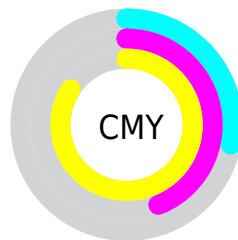
- Red (72%)
- Green (56%)
- Blue (16%)



- Red (39%)
- Yellow (72%)
- Blue (16%)



- Cyan (0%)
- Magenta (22%)
- Yellow (77%)
- Black (28%)





- Cyan (28%)
- Magenta (44%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0075, 30.0024, 6.4000 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 30.0075, 30.0024, 6.4000 by changing the saturation by 10% instead.


 30.0075, 30.0024,
6.4000


 30.0075, 30.0024,
6.4000


293.8486,
301.9156, 172.0179


 19.9924, 19.8404,
3.0171


 59.0606, 59.6660,
19.2475

 12.4977, 12.2791,
1.1034


 78.8293, 79.9363,
29.5491

 7.1582, 6.9340,
0.0000


 102.5798,
104.3450, 42.9941

 3.6085, 3.4209,
0.0000

 130.6777,
133.2762, 60.0009

 1.4831, 1.3552,
0.0000

 163.4881,
167.1145, 80.9882

 0.3143, 0.1834,
0.0000

 201.3765,

 0.0000, 0.0000,

206.2443, 106.3744

0.0000

244.7082,
251.0498, 136.5781

■ 30.0075, 30.0024,
6.4000

■ 30.0075, 30.0024,
6.4000

■ 28.9722, 28.3435,
4.7866

■ 31.2330, 31.8002,
8.8231

■ 28.0985, 26.8077,
3.8429

■ 32.6656, 33.7409,
12.1507

■ 27.8670, 26.3902,
3.6251

■ 34.3222, 35.8332,
16.4667

■ 36.2172, 38.0837,
21.8444

■ 38.3637, 40.4984,
28.3505

■ 40.7737, 43.0828,
36.0461

■ 43.4585, 45.8422,
44.9878

■ 46.4285, 48.7814,
55.2286

■ 49.6936, 51.9052,
66.8185

Harmonies

Analogous

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



37.8189, 30.0024, 9.3226



30.0075, 30.0024, 6.4000



23.0112, 30.0024, 7.6187

Triad

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



30.0075, 30.0024, 6.4000



17.2797, 30.0024, 52.6576



41.8769, 30.0024, 63.2999

Complementary

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



30.0075, 30.0024, 6.4000



12.6998, 10.1392, 46.6347

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.



34.8362, 30.0024, 86.6881



30.0075, 30.0024, 6.4000



20.8800, 30.0024, 78.8878

Square

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



30.0075, 30.0024, 6.4000



16.4422, 30.0024, 28.6467



27.0755, 30.0024, 93.3799



45.4014, 30.0024, 37.0480

Rectangle

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



30.0075, 30.0024, 6.4000



19.6033, 30.0024, 11.0960



27.0755, 30.0024, 93.3799



39.7892, 30.0024, 72.1481

Sweetspot

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



30.0082, 30.0039, 6.4006



71.1425, 75.1525, 56.4170



22.2190, 12.4960, 9.7527



15.0098, 15.8458, 11.1333



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.0082, 30.0039, 6.4006



51.3296, 49.3060, 7.3329



31.1914, 41.4760, 8.5526



9.5252, 10.0534, 9.5454



19.2689, 18.3141, 2.5194



0.7296, 0.7462, 0.1056

Inverse Universe

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



12.6998, 10.1392, 46.6347



18.8635, 12.2958, 83.5837



12.0347, 6.4340, 45.9546



8.7267, 9.1306, 11.3819



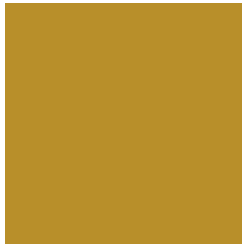
6.8976, 4.2548, 31.7108



0.2981, 0.2599, 1.1362

Previews

White Background



This preview shows how the XYZ color 30.0075, 30.0024, 6.4000 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 30.0075, 30.0024, 6.4000 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 ✓ Pass

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

XYZ 30.0075, 30.0024, 6.4000

Background



This preview shows how black text looks on a background with the XYZ color 30.0075, 30.0024, 6.4000.



This preview shows how white text looks on a background with the XYZ color 30.0075, 30.0024,

6.4000.

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

30.0075, 30.0024, 6.4000

Protanopia

27.2973, 30.2100, 6.7753

Deuteranopia

30.6026, 30.0852, 6.4796



Tritanopia

35.0450, 30.1402, 30.3561

Trichromacy



Original Color

30.0075, 30.0024, 6.4000

Protanomaly

28.1033, 29.9261, 6.5806

Deuteranomaly

30.3587, 29.9595, 6.4682

Tritanomaly

32.3385, 29.6442, 17.9274

Monochromacy



Original Color

30.0075, 30.0024, 6.4000

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9252, 28.3790, 17.9685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0075, 30.0024, 6.4000 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(184, 143, 42)` looks like.

```
.text, #text, p{  
    color:rgb(184, 143, 42)  
}
```

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(184, 143, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 143, 42) }
```

Border

The CSS property to change the border of an element to XYZ 30.0075, 30.0024, 6.4000 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(184, 143, 42) }
```


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

```
.border{ border-color:rgb(184, 143, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 143, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 143, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 143, 42);  
box-shadow:4px 4px 4px 4px rgb(184, 143,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0075, 30.0024, 6.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 143, 42) }
```

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

```
.background{ background-color: rgb(184,  
143, 42) }
```

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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