

Converting Colors

XYZ(30.4544, 30.7216, 4.7402)

Have a look what the booklet for
XYZ(30.4544, 30.7216, 4.7402)
contains.

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Color

**XYZ(30.4544, 30.7216,
4.7402)**

Conversions

Conversions Part 1

Format	Color
Hex	BA910E
RGB	186, 145, 14
RGB Percent	73%, 57%, 5%
CMY	0.2706, 0.4314, 0.9451
CMYK	0.00, 0.22, 0.92, 0.27
HSL	46°, 86%, 39%
HSV	46°, 92%, 73%
XYZ	30.4544, 30.7216, 4.7402
YIQ	142.3250, 66.4870, -32.0490

Conversions

Conversions Part 2

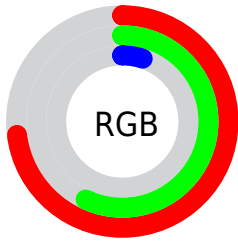
Format	Color
R _{YB}	68, 186, 14
Decimal	12226830
CIE Lab	62.27, 4.76, 64.59
CIE LCh	62, 64.770, 85.782
Yxy	30.7216, 0.4620, 0.4661
Android (android.graphics.Color)	4290416910 (0xFFBA910E)
YUV	142.3250, -63.2642, 38.3030
Hunter-Lab	55.4271, 1.0794, 33.7284

Details

The XYZ color **30.4544, 30.7216, 4.7402** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **10.4105, 6.3713, 47.1352**, and the grayscale version is **26.0657, 27.4232, 29.8639**.

A 20% lighter version of the original color is **59.7690, 60.9755, 15.6405**, and **12.9943, 12.7736, 1.7807** is the 20% darker color. If you saturate the color by 10%, you get **29.8729, 29.6858, 4.1555**, and if you desaturate by 10%, it is **31.3356, 32.1806, 5.9702**.

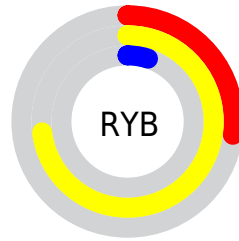
Distribution



Red (73%)

Green (57%)

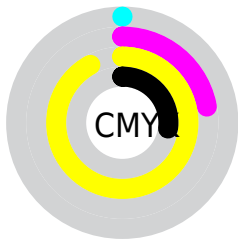
Blue (5%)



Red (27%)

Yellow (73%)

Blue (5%)

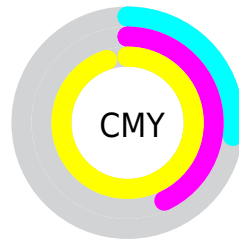


Cyan (0%)

Magenta (22%)

Yellow (92%)

Black (27%)



Cyan (27%)

Magenta (43%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4544, 30.7216, 4.7402 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 30.4544, 30.7216, 4.7402 by changing the saturation by 10% instead.

■ 30.4544, 30.7216,
4.7402

■ 30.4544, 30.7216,
4.7402

295.8888,
305.2537, 156.1281

■ 20.3335, 20.3869,
2.0396

■ 59.7618, 60.8015,
15.6838

■ 12.7474, 12.6766,
0.5795

■ 79.6789, 81.3155,
24.7639

■ 7.3306, 7.2063,
0.0000

■ 103.5923,
105.9915, 36.8075

■ 3.7179, 3.5914,
0.0000

■ 131.8672,
135.2137, 52.2332

■ 1.5438, 1.4477,
0.0000

■ 164.8689,
169.3667, 71.4596

■ 0.3553, 0.2515,
0.0000

■ 202.9628,

■ 0.0000, 0.0000,

208.8347, 94.9052

0.0000

246.5143,
254.0023, 122.9885

30.4544, 30.7216,
4.7402

30.4544, 30.7216,
4.7402

29.8729, 29.6858,
4.1555

31.3356, 32.1806,
5.9702

32.3862, 33.7488,
7.9634

33.6280, 35.4368,
10.8304

35.0789, 37.2520,
14.6631

36.7541, 39.2012,
19.5419

■ 38.6678, 41.2903,
25.5385

■ 40.8325, 43.5249,
32.7184

■ 43.2601, 45.9100,
41.1421

■ 45.9613, 48.4504,
50.8658

Harmonies

Analogous

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



39.7148, 30.7216, 7.3389



30.4544, 30.7216, 4.7402



22.4790, 30.7216, 6.1243

Triad

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



30.4544, 30.7216, 4.7402



16.5236, 30.7216, 59.0769



45.4308, 30.7216, 68.5025

Complementary

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



30.4544, 30.7216, 4.7402



10.4105, 6.3713, 47.1352

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.



37.1425, 30.7216, 98.2627



30.4544, 30.7216, 4.7402



20.7271, 30.7216, 91.1745

Square

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



30.4544, 30.7216, 4.7402



15.4343, 30.7216, 30.0318



27.9804, 30.7216, 108.1430



49.3878, 30.7216, 37.1195

Rectangle

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



30.4544, 30.7216, 4.7402



18.7294, 30.7216, 9.8500



27.9804, 30.7216, 108.1430



42.9873, 30.7216, 79.5362

Sweetspot

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



30.4551, 30.7231, 4.7408



71.6036, 76.4315, 51.2382



21.1454, 11.0489, 4.8899



15.4073, 16.4524, 10.1058



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.4551, 30.7231, 4.7408



53.9502, 53.4143, 7.4665



28.9662, 40.9892, 6.8008



9.5639, 10.1307, 9.5583



20.1578, 20.0919, 2.8157



0.7552, 0.7974, 0.1141

Inverse Universe

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



10.4105, 6.3713, 47.1352



17.5646, 9.4259, 85.0950



10.7078, 4.7295, 46.8027



8.6903, 9.0578, 11.3697



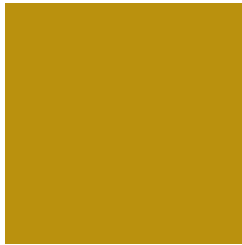
6.6266, 3.7129, 31.6205



0.2828, 0.2292, 1.1311

Previews

White Background



This preview shows how the XYZ color 30.4544, 30.7216, 4.7402 looks on a white background.

Color Contrast Check

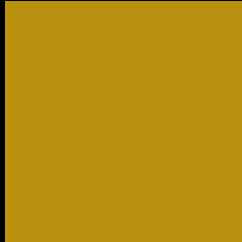
Large Text (above 18pt) WCAG AA × Fail

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 30.4544, 30.7216, 4.7402 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 30.4544, 30.7216, 4.7402

Background



This preview shows how black text looks on a background with the XYZ color 30.4544, 30.7216, 4.7402.



This preview shows how white text looks on a background with the XYZ color 30.4544, 30.7216,

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

30.4544, 30.7216, 4.7402

Protanopia

27.7453, 30.7197, 4.9975

Deuteranopia

31.4095, 30.7618, 4.8125



Tritanopia

35.7671, 30.7097, 30.8305

Trichromacy



Original Color

30.4544, 30.7216, 4.7402

Protanomaly

28.7455, 30.7624, 4.9129

Deuteranomaly

31.0531, 30.8027, 4.7991

Tritanomaly

32.6255, 30.2755, 15.4335

Monochromacy



Original Color

30.4544, 30.7216, 4.7402

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.9886, 27.7402, 14.8111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4544, 30.7216, 4.7402 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(186, 145, 14)` looks like.

```
.text, #text, p{  
    color:rgb(186, 145, 14)  
}
```

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(186, 145, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 145, 14) }
```

Border

The CSS property to change the border of an element to XYZ 30.4544, 30.7216, 4.7402 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(186, 145, 14) }
```


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

```
.border{ border-color:rgb(186, 145, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 145, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 145, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 145, 14);  
box-shadow:4px 4px 4px 4px rgb(186, 145,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4544, 30.7216, 4.7402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 145, 14) }
```

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

```
.background{ background-color: rgb(186,  
145, 14) }
```

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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