

Converting Colors

XYZ(29.2924, 32.2938, 14.0857)

Have a look what the booklet for
XYZ(29.2924, 32.2938, 14.0857)
contains.

XYZ(29.2504, 32.2709, 14.1384)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.2504, 32.2709,
14.1384)**

Conversions

Conversions Part 1

Format	Color
Hex	A69B59
RGB	166, 155, 89
RGB Percent	65%, 61%, 35%
CMY	0.3490, 0.3921, 0.6510
CMYK	0.00, 0.07, 0.46, 0.35
HSL	51°, 30%, 50%
HSV	51°, 46%, 65%
XYZ	29.2504, 32.2709, 14.1384
YIQ	150.7650, 27.7420, -18.1940

Conversions

Conversions Part 2

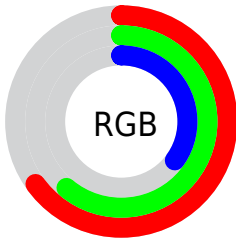
Format	Color
RYB	102, 166, 89
Decimal	10918745
CIELab	63.57, -5.38, 35.91
CIElCh	64, 36.308, 98.528
Yxy	32.2709, 0.3866, 0.4265
Android (android.graphics.Color)	4289108825 (0xFFA69B59)
YUV	150.7650, -30.4501, 13.3611
Hunter-Lab	56.8075, -7.5027, 25.0090

Details

The XYZ color **29.2504, 32.2709, 14.1384** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.5599, 13.9910, 37.9568**, and the grayscale version is **29.4333, 30.9661, 33.7221**.

A 20% lighter version of the original color is **57.6583, 63.0240, 33.9369**, and **12.0326, 13.5055, 4.0704** is the 20% darker color. If you saturate the color by 10%, you get **28.2401, 31.2429, 10.7419**, and if you desaturate by 10%, it is **30.4272, 33.3803, 18.3667**.

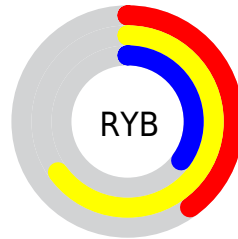
Distribution



Red (65%)

Green (61%)

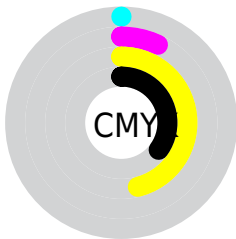
Blue (35%)



Red (40%)

Yellow (65%)

Blue (35%)

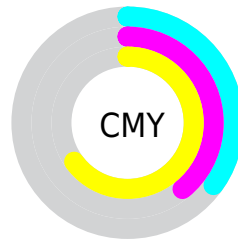


Cyan (0%)

Magenta (7%)

Yellow (46%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2504, 32.2709, 14.1384 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 29.2504, 32.2709, 14.1384 by changing the saturation by 10% instead.

■ 29.2504, 32.2709,
14.1384

■ 29.2504, 32.2709,
14.1384

290.3675,
312.3514, 229.5484

■ 19.4156, 21.5685,
8.0771

■ 57.8695, 63.2355,
34.0551

■ 12.0767, 13.5402,
4.0559

■ 77.3845, 84.2666,
48.7475

■ 6.8685, 7.8016,
1.6560

■ 100.8568,
109.5092, 67.1541

■ 3.4256, 3.9682,
0.3303

■ 128.6520,
139.3480, 89.6935

■ 1.3826, 1.6558,
0.0000

■ 161.1353,
174.1672, 116.7840

■ 0.2438, 0.3948,
0.0000

198.6721,

■ 0.0000, 0.0000,

214.3512, 148.8443

0.0000

241.6277,
260.2845, 186.2929

■ 29.2504, 32.2709,
14.1384

■ 29.2504, 32.2709,
14.1384

■ 28.2401, 31.2429,
10.7419

■ 30.4272, 33.3803,
18.3667

■ 27.3832, 30.2873,
8.1188

■ 31.7780, 34.5706,
23.4759

■ 26.6685, 29.4009,
6.2064

■ 33.3124, 35.8468,
29.5136

■ 26.0819, 28.5780,
4.9313

■ 35.0388, 37.2125,
36.5235

■ 25.6040, 27.8106,
4.1908

■ 36.9650, 38.6707,
44.5465

■ 25.4427, 27.5407,
3.9749

■ 39.0984, 40.2246,
53.6212

■ 41.4459, 41.8769,
63.7840

■ 44.0142, 43.6303,
75.0697

■ 46.8096, 45.4876,
87.5116

Harmonies

Analogous

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



34.3783, 32.2709, 15.0442



29.2504, 32.2709, 14.1384



24.9958, 32.2709, 17.5191

Triad

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



29.2504, 32.2709, 14.1384



23.6654, 32.2709, 55.5385



40.6605, 32.2709, 46.3710

Complementary

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



29.2504, 32.2709, 14.1384



15.5599, 13.9910, 37.9568

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.



37.1495, 32.2709, 61.7938



29.2504, 32.2709, 14.1384



27.2431, 32.2709, 68.0200

Square

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



29.2504, 32.2709, 14.1384



22.0121, 32.2709, 39.4395



32.1400, 32.2709, 70.5798



41.3502, 32.2709, 31.1603

Rectangle

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



29.2504, 32.2709, 14.1384



23.0916, 32.2709, 22.4920



32.1400, 32.2709, 70.5798



39.7539, 32.2709, 51.8082

Sweetspot

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



29.2512, 32.2724, 14.1391



61.0948, 65.5714, 56.1169



21.6255, 16.1829, 14.1808



13.5321, 14.5610, 11.9970



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.2512, 32.2724, 14.1391



51.1428, 56.5851, 19.1414



26.0954, 33.4871, 14.5398



8.0542, 8.5885, 8.0225



19.7555, 21.4083, 3.0910



0.5048, 0.5691, 0.0832

Inverse Universe

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



15.5599, 13.9910, 37.9568



23.1219, 19.1938, 67.9614



17.6514, 13.6079, 37.7727



7.2150, 7.4670, 9.4793



5.6078, 2.6757, 28.1964



0.1615, 0.1152, 0.6944

Previews

White Background



This preview shows how the XYZ color 29.2504, 32.2709, 14.1384 looks on a white background.

Color Contrast Check

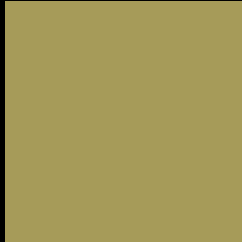
Large Text (above 18pt) WCAG AA × Fail

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 29.2504, 32.2709, 14.1384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

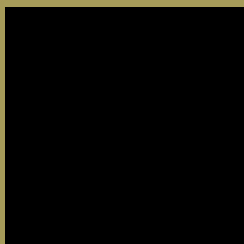
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2504, 32.2709, 14.1384

Background



This preview shows how black text looks on a background with the XYZ color 29.2504, 32.2709, 14.1384.



This preview shows how white text looks on a background with the XYZ color 29.2504, 32.2709,

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

29.2504, 32.2709, 14.1384

Protanopia

29.7210, 32.2675, 14.1130

Deuteranopia

32.8156, 32.1876, 14.3808



Tritanopia

33.8389, 32.2203, 36.7834

Trichromacy



Original Color

29.2504, 32.2709, 14.1384

Protanomaly

29.5072, 32.1573, 14.1030

Deuteranomaly

31.3422, 32.1346, 14.2235

Tritanomaly

31.7175, 32.0522, 26.7053

Monochromacy



Original Color

29.2504, 32.2709, 14.1384

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.8348, 31.0829, 24.9019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2504, 32.2709, 14.1384 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(166, 155, 89)` looks like.

```
.text, #text, p{  
    color:rgb(166, 155, 89)  
}
```

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(166, 155, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 155, 89) }
```

Border

The CSS property to change the border of an element to XYZ 29.2504, 32.2709, 14.1384 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(166, 155, 89) }
```


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

```
.border{ border-color:rgb(166, 155, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 155, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 155, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 155, 89);  
box-shadow:4px 4px 4px 4px rgb(166, 155,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2504, 32.2709, 14.1384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 155, 89) }
```

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

```
.background{ background-color: rgb(166,  
155, 89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor