

Converting Colors

XYZ(22.5529, 29.3648, 15.0177)

Have a look what the booklet for
XYZ(22.5529, 29.3648, 15.0177)
contains.

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Color

**XYZ(22.5348, 29.2821,
15.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9D5E
RGB	125, 157, 94
RGB Percent	49%, 62%, 37%
CMY	0.5098, 0.3843, 0.6314
CMYK	0.20, 0.00, 0.40, 0.38
HSL	90°, 25%, 49%
HSV	90°, 40%, 62%
XYZ	22.5348, 29.2821, 15.0540
YIQ	140.2500, 1.1510, -26.3770

Conversions

Conversions Part 2

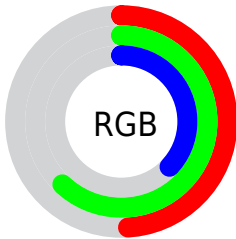
Format	Color
RYB	94, 157, 126
Decimal	8232286
CIELab	61.03, -22.56, 29.39
CIELCh	61, 37.054, 127.510
Yxy	29.2821, 0.3370, 0.4379
Android (android.graphics.Color)	4286422366 (0xFF7D9D5E)
YUV	140.2500, -22.8012, -13.3742
Hunter-Lab	54.1129, -20.3631, 21.3848

Details

The XYZ color **22.5348, 29.2821, 15.0540** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.6940, 14.8762, 33.7861**, and the grayscale version is **25.1108, 26.4185, 28.7698**.

A 20% lighter version of the original color is **47.2447, 58.7150, 35.6311**, and **8.4712, 11.9612, 4.4470** is the 20% darker color. If you saturate the color by 10%, you get **20.7830, 28.4532, 11.6612**, and if you desaturate by 10%, it is **24.5249, 30.2191, 19.2073**.

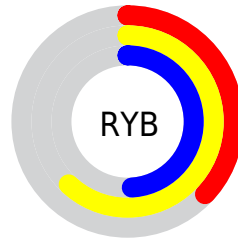
Distribution



Red (49%)

Green (62%)

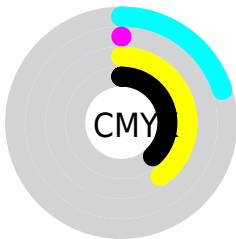
Blue (37%)



Red (37%)

Yellow (62%)

Blue (49%)

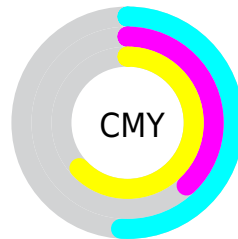


Cyan (20%)

Magenta (0%)

Yellow (40%)

Black (38%)



Cyan (51%)

Magenta (38%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5348, 29.2821, 15.0540 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 22.5348, 29.2821, 15.0540 by changing the saturation by 10% instead.

■ 22.5348, 29.2821,
15.0540

■ 22.5348, 29.2821,
15.0540

257.9067,
298.5437, 235.3449

■ 14.3692, 19.2943,
8.7102

■ 47.1006, 58.5250,
35.6915

■ 8.4613, 11.8831,
4.4585

■ 64.2316, 78.5489,
50.8224

■ 4.4458, 6.6642,
1.8801

■ 85.0816, 102.6870,
69.7194

■ 1.9573, 3.2530,
0.4800

■ 110.0162,
131.3236, 92.8010

■ 0.6098, 1.2652,
0.0000

139.4007,
164.8432, 120.4858

■ 0.0000, 0.1140,
0.0000

173.6003,

■ 0.0000, 0.0000,

203.6301, 153.1924

0.0000

212.9806,
248.0688, 191.3392

■ 22.5348, 29.2821,
15.0540

■ 22.5348, 29.2821,
15.0540

■ 20.7830, 28.4532,
11.6612

■ 24.5249, 30.2191,
19.2073

■ 19.2564, 27.7240,
8.9807

■ 26.7612, 31.2646,
24.1614

■ 17.9438, 27.0906,
6.9621


■ 29.2540, 32.4240,
29.9561

■ 16.8317, 26.5475,
5.5473


■ 32.0121, 33.7011,
36.6281


■ 15.9049, 26.0882,
4.6681


■ 35.0441, 35.0994,
44.2117

 15.1383, 25.7034,
4.1634

 38.3578, 36.6223,
52.7396

 41.9611, 38.2733,
62.2426

 45.8612, 40.0554,
72.7504

 50.0654, 41.9716,
84.2913

Harmonies

Analogous

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



26.6315, 29.2821, 12.0695



22.5348, 29.2821, 15.0540



20.0796, 29.2821, 22.7261

Triad

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



22.5348, 29.2821, 15.0540



24.4175, 29.2821, 63.4418



38.1296, 29.2821, 28.5208

Complementary

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



22.5348, 29.2821, 15.0540



18.6940, 14.8762, 33.7861

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.



37.3593, 29.2821, 43.2192



22.5348, 29.2821, 15.0540



29.0675, 29.2821, 66.3332

Square

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



22.5348, 29.2821, 15.0540



21.0754, 29.2821, 51.0493



33.8998, 29.2821, 58.0822



35.8968, 29.2821, 18.2381

Rectangle

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



22.5348, 29.2821, 15.0540



19.5219, 29.2821, 30.7381



33.8998, 29.2821, 58.0822



38.2174, 29.2821, 33.0565

Sweetspot

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



22.5355, 29.2834, 15.0546



51.4104, 57.6112, 51.3345



23.3233, 22.7715, 13.7562



11.1942, 12.6220, 11.0181



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.5355, 29.2834, 15.0546



37.5743, 51.1234, 21.5449



18.6944, 27.3032, 14.8749



6.8459, 7.5532, 7.0828



12.3371, 20.8967, 3.3832



0.2693, 0.3988, 0.0628

Inverse Universe

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



18.6940, 14.8762, 33.7861



29.7371, 21.7343, 59.7546



23.9944, 17.6087, 34.0341



6.5898, 6.5925, 8.3318



7.6557, 3.3757, 26.1553



0.1857, 0.0855, 0.4699

Previews

White Background



This preview shows how the XYZ color 22.5348, 29.2821, 15.0540 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 22.5348, 29.2821, 15.0540 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 22.5348, 29.2821, 15.0540

Background



This preview shows how black text looks on a background with the XYZ color 22.5348, 29.2821, 15.0540.



This preview shows how white text looks on a background with the XYZ color 22.5348, 29.2821,

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

22.5348, 29.2821, 15.0540

Protanopia

26.7764, 29.0792, 13.8744

Deuteranopia

29.4872, 28.8681, 15.5732



Tritanopia

27.1721, 29.2190, 37.9259

Trichromacy



Original Color

22.5348, 29.2821, 15.0540

Protanomaly

24.9876, 29.0916, 14.1958

Deuteranomaly

26.3412, 28.5889, 15.4391

Tritanomaly

25.1037, 29.0879, 27.9583

Monochromacy



Original Color

22.5348, 29.2821, 15.0540

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.8457, 27.1387, 22.7204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5348, 29.2821, 15.0540 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(125, 157, 94)` looks like.

```
.text, #text, p{  
    color:rgb(125, 157, 94)  
}
```

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(125, 157, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 157, 94) }
```

Border

The CSS property to change the border of an element to XYZ 22.5348, 29.2821, 15.0540 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(125, 157, 94) }
```


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

```
.border{ border-color:rgb(125, 157, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 157, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 157, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 157, 94);  
box-shadow:4px 4px 4px 4px rgb(125, 157,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5348, 29.2821, 15.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 157, 94) }
```

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

```
.background{ background-color: rgb(125,  
157, 94) }
```

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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