

Converting Colors

XYZ(29.0947, 34.2471, 25.5806)

Have a look what the booklet for
XYZ(29.0947, 34.2471, 25.5806)
contains.

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Color

**XYZ(29.0258, 34.2204,
25.4975)**

Conversions

Conversions Part 1

Format	Color
Hex	92A480
RGB	146, 164, 128
RGB Percent	57%, 64%, 50%
CMY	0.4274, 0.3568, 0.4980
CMYK	0.11, 0.00, 0.22, 0.36
HSL	90°, 17%, 57%
HSV	90°, 22%, 64%
XYZ	29.0258, 34.2204, 25.4975
YIQ	154.5140, 0.8280, -15.0120

Conversions

Conversions Part 2

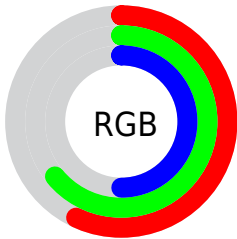
Format	Color
RYB	128, 164, 146
Decimal	9610368
CIELab	65.14, -13.02, 16.62
CIELCh	65, 21.111, 128.086
Yxy	34.2204, 0.3271, 0.3856
Android (android.graphics.Color)	4287800448 (0xFF92A480)
YUV	154.5140, -13.0714, -7.4668
Hunter-Lab	58.4982, -13.8032, 15.1061

Details

The XYZ color **29.0258, 34.2204, 25.4975** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.2755, 24.2307, 38.4159**, and the grayscale version is **30.9974, 32.6117, 35.5142**.

A 20% lighter version of the original color is **57.4914, 66.2786, 53.4790**, and **11.9248, 14.5858, 9.5840** is the 20% darker color. If you saturate the color by 10%, you get **26.6267, 33.0995, 20.1985**, and if you desaturate by 10%, it is **31.7058, 35.4681, 31.7219**.

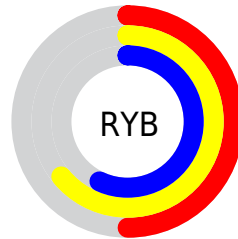
Distribution



Red (57%)

Green (64%)

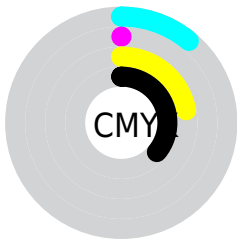
Blue (50%)



Red (50%)

Yellow (64%)

Blue (57%)

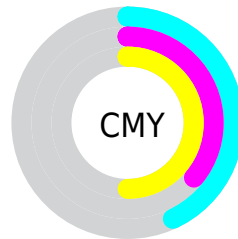


Cyan (11%)

Magenta (0%)

Yellow (22%)

Black (36%)



Cyan (43%)

Magenta (36%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0258, 34.2204, 25.4975 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 29.0258, 34.2204, 25.4975 by changing the saturation by 10% instead.

■ 29.0258, 34.2204,
25.4975

■ 29.0258, 34.2204,
25.4975

289.3287,
321.1137, 293.8331

■ 19.2447, 23.0630,
16.2257

■ 57.5153, 66.2763,
53.4373

■ 11.9523, 14.6400,
9.5279

■ 76.9545, 87.9435,
72.9423

■ 6.7832, 8.5671,
4.9856

■ 100.3438,
113.8828, 96.6955

■ 3.3720, 4.4599,
2.1802

128.0485,
144.4785, 125.1155

■ 1.3534, 1.9340,
0.6629

160.4340,
180.1150, 158.6207

■ 0.2227, 0.5687,
0.0000

197.8656,

■ 0.0000, 0.0000,

221.1768, 197.6296

0.0000

240.7087,
268.0482, 242.5609

■ 29.0258, 34.2204,
25.4975

■ 29.0258, 34.2204,
25.4975

■ 26.6267, 33.0995,
20.1985

■ 31.7058, 35.4681,
31.7219

■ 24.4953, 32.0963,
15.7786

■ 34.6740, 36.8422,
38.9106

■ 22.6211, 31.2076,
12.1905

■ 37.9406, 38.3482,
47.1033

■ 20.9920, 30.4282,
9.3820

■ 41.5146, 39.9900,
56.3363

■ 19.5944, 29.7525,
7.2948

■ 45.4045, 41.7712,
66.6446

■ 18.4132, 29.1741,
5.8623

■ 49.6184, 43.6952,
78.0613

■ 17.4309, 28.6856,
5.0057

■ 54.1643, 45.7655,
90.6180

■ 16.7552, 28.3458,
4.5882

■ 58.3651, 47.7114,
100.7408

■ 60.7841, 48.9584,
100.8540

Harmonies

Analogous

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



31.7040, 34.2204, 22.9300



29.0258, 34.2204, 25.4975



27.3612, 34.2204, 31.3123

Triad

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



29.0258, 34.2204, 25.4975



30.3763, 34.2204, 55.2036



38.7125, 34.2204, 34.9375

Complementary

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



29.0258, 34.2204, 25.4975



26.2755, 24.2307, 38.4159

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.



38.3017, 34.2204, 43.9173



29.0258, 34.2204, 25.4975



33.3610, 34.2204, 56.5810

Square

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



29.0258, 34.2204, 25.4975



28.1062, 34.2204, 48.6643



36.2957, 34.2204, 52.1771



37.3853, 34.2204, 27.7933

Rectangle

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



29.0258, 34.2204, 25.4975



26.9866, 34.2204, 36.6995



36.2957, 34.2204, 52.1771



38.7746, 34.2204, 37.8265

Sweetspot

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



29.0267, 34.2219, 25.4982



60.0789, 65.5501, 63.6442



29.4863, 30.0101, 24.6611



13.0703, 14.3008, 13.7589



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.0267, 34.2219, 25.4982



50.6476, 61.1637, 41.7138



26.0749, 32.7002, 25.3601



7.3071, 8.0608, 7.5509



12.9014, 21.7614, 3.5204



0.3256, 0.4854, 0.0765

Inverse Universe

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



26.2755, 24.2307, 38.4159



44.8135, 39.9766, 69.1067



29.7312, 26.0122, 38.5776



7.0221, 7.0258, 8.8891



7.8616, 3.4593, 27.1831



0.2197, 0.1008, 0.5737

Previews

White Background



This preview shows how the XYZ color 29.0258, 34.2204, 25.4975 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 29.0258, 34.2204, 25.4975 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

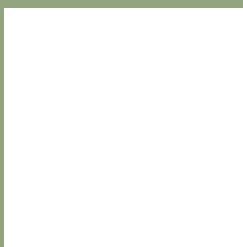
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0258, 34.2204, 25.4975

Background



This preview shows how black text looks on a background with the XYZ color 29.0258, 34.2204, 25.4975.



This preview shows how white text looks on a background with the XYZ color 29.0258, 34.2204,

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

29.0258, 34.2204, 25.4975

Protanopia

32.0770, 34.2592, 24.3241

Deuteranopia

34.8534, 34.1624, 26.2298



Tritanopia

32.5264, 34.0694, 43.3898

Trichromacy



Original Color

29.0258, 34.2204, 25.4975

Protanomaly

30.8339, 34.1216, 24.6997

Deuteranomaly

32.4953, 33.9347, 25.9565

Tritanomaly

31.0649, 33.9922, 35.9342

Monochromacy



Original Color

29.0258, 34.2204, 25.4975

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.2866, 33.1735, 31.5949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0258, 34.2204, 25.4975 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(146, 164, 128)` looks like.

```
.text, #text, p{  
    color:rgb(146, 164, 128)  
}
```

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(146, 164, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 164, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.0258, 34.2204, 25.4975 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(146, 164, 128) }
```


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

```
.border{ border-color:rgb(146, 164, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 164, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 164, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 164, 128);  
box-shadow:4px 4px 4px 4px rgb(146, 164,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0258, 34.2204, 25.4975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 164, 128) }
```

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

```
.background{ background-color: rgb(146,  
164, 128) }
```

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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