

Converting Colors

XYZ(29.5002, 34.6999, 25.1561)

Have a look what the booklet for
XYZ(29.5002, 34.6999, 25.1561)
contains.

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Color

**XYZ(29.4986, 34.7385,
25.2291)**

Conversions

Conversions Part 1

Format	Color
Hex	94A57F
RGB	148, 165, 127
RGB Percent	58%, 65%, 50%
CMY	0.4196, 0.3529, 0.5020
CMYK	0.10, 0.00, 0.23, 0.35
HSL	87°, 17%, 57%
HSV	87°, 23%, 65%
XYZ	29.4986, 34.7385, 25.2291
YIQ	155.5850, 2.0660, -15.4220

Conversions

Conversions Part 2

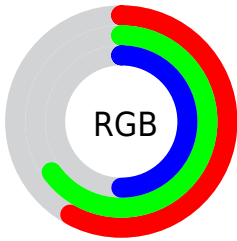
Format	Color
RYB	127, 165, 144
Decimal	9741695
CIELab	65.54, -12.96, 17.75
CIELCh	66, 21.980, 126.130
Yxy	34.7385, 0.3297, 0.3883
Android (android.graphics.Color)	4287931775 (0xFF94A57F)
YUV	155.5850, -14.0924, -6.6520
Hunter-Lab	58.9394, -13.8063, 15.8784

Details

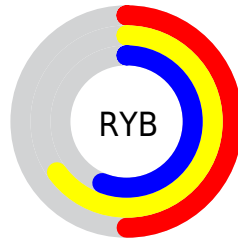
The XYZ color **29.4986, 34.7385, 25.2291** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.8840, 23.8256, 38.8339**, and the grayscale version is **31.4759, 33.1151, 36.0624**.

A 20% lighter version of the original color is **58.1885, 67.0382, 53.0528**, and **12.2100, 14.9017, 9.4405** is the 20% darker color. If you saturate the color by 10%, you get **27.2172, 33.6777, 19.9612**, and if you desaturate by 10%, it is **32.0431, 35.9167, 31.4301**.

Distribution



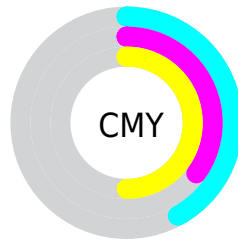
- Red (58%)
- Green (65%)
- Blue (50%)



- Red (50%)
- Yellow (65%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (23%)
- Black (35%)



- Cyan (42%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4986, 34.7385, 25.2291 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 29.4986, 34.7385, 25.2291 by changing the saturation by 10% instead.

■ 29.4986, 34.7385,
25.2291

■ 29.4986, 34.7385,
25.2291

291.5122,
323.4126, 292.4611

■ 19.6045, 23.4615,
16.0273

■ 58.2604, 67.0805,
52.9974

■ 12.2145, 14.9347,
9.3889

■ 77.8589, 88.9142,
72.4009

■ 6.9632, 8.7735,
4.8954

■ 101.4228,
115.0357, 96.0420

■ 3.4852, 4.5938,
2.1284

129.3176,
145.8293, 124.3393

■ 1.4152, 2.0109,
0.6326

161.9085,
181.6794, 157.7113

■ 0.2670, 0.6138,
0.0000

199.5611,

■ 0.0000, 0.0000,

222.9703, 196.5766

0.0000

242.6405,
270.0866, 241.3537

■ 29.4986, 34.7385,
25.2291

■ 29.4986, 34.7385,
25.2291

■ 27.2172, 33.6777,
19.9612

■ 32.0431, 35.9167,
31.4301

■ 25.1862, 32.7256,
15.5790

■ 34.8576, 37.2118,
38.6041

■ 23.3954, 31.8790,
12.0343

■ 37.9520, 38.6289,
46.7914

■ 21.8332, 31.1331,
9.2734

■ 41.3347, 40.1718,
56.0292

■ 20.4863, 30.4824,
7.2363

■ 45.0140, 41.8439,
66.3531

■ 19.3399, 29.9209,
5.8545

■ 48.9976, 43.6483,
77.7968

■ 18.3768, 29.4413,
5.0461

■ 53.2930, 45.5884,
90.3926

■ 17.7875, 29.1448,
4.6880

■ 57.2558, 47.4063,
100.7404

■ 59.3680, 48.4952,
100.8392

Harmonies

Analogous

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



32.3608, 34.7385, 22.7854



29.4986, 34.7385, 25.2291



27.6711, 34.7385, 31.0902

Triad

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



29.4986, 34.7385, 25.2291



30.5742, 34.7385, 56.4769



39.5677, 34.7385, 35.9613

Complementary

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



29.4986, 34.7385, 25.2291



25.8840, 23.8256, 38.8339

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.



39.0125, 34.7385, 45.4668



29.4986, 34.7385, 25.2291



33.6838, 34.7385, 58.3469

Square

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



29.4986, 34.7385, 25.2291



28.2633, 34.7385, 49.2781



36.8065, 34.7385, 54.0380



38.2779, 34.7385, 28.2989

Rectangle

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



29.4986, 34.7385, 25.2291



27.2153, 34.7385, 36.6396



36.8065, 34.7385, 54.0380



39.5917, 34.7385, 39.0343

Sweetspot

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



29.4995, 34.7400, 25.2299



60.2995, 65.6638, 63.6546



29.2418, 29.3182, 24.1969



13.1221, 14.3275, 13.7613



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.



29.4995, 34.7400, 25.2299



50.5314, 61.1458, 39.8088



26.4215, 33.1532, 25.0858



7.3422, 8.0789, 7.5525



13.5139, 22.0771, 3.5491



0.3373, 0.4914, 0.0771

Inverse Universe

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



25.8840, 23.8256, 38.8339



42.8258, 37.8815, 68.8070



29.3775, 25.6266, 38.9973



6.9873, 7.0078, 8.8874



7.3202, 3.1802, 27.1578



0.2079, 0.0947, 0.5732

Previews

White Background



This preview shows how the XYZ color 29.4986, 34.7385, 25.2291 looks on a white background.

Color Contrast Check

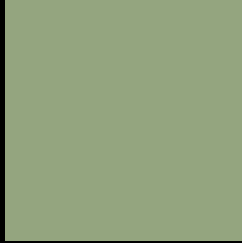
Large Text (above 18pt) WCAG AA × Fail

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 29.4986, 34.7385, 25.2291 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

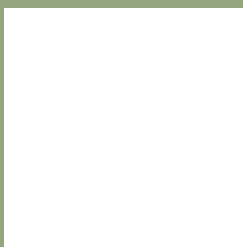
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4986, 34.7385, 25.2291

Background



This preview shows how black text looks on a background with the XYZ color 29.4986, 34.7385, 25.2291.



This preview shows how white text looks on a background with the XYZ color 29.4986, 34.7385,

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

29.4986, 34.7385, 25.2291

Protanopia

32.3984, 34.6865, 24.0564

Deuteranopia

35.1877, 34.5845, 25.9400



Tritanopia

33.3621, 34.7434, 43.9775

Trichromacy



Original Color

29.4986, 34.7385, 25.2291

Protanomaly

31.1445, 34.5475, 24.4289

Deuteranomaly

32.8140, 34.3568, 25.6709

Tritanomaly

31.6945, 34.5654, 36.4538

Monochromacy



Original Color

29.4986, 34.7385, 25.2291

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.6458, 33.6129, 31.6608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4986, 34.7385, 25.2291 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(148, 165, 127) looks like.

```
.text, #text, p{  
    color:rgb(148, 165, 127)  
}
```

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(148, 165, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 165, 127) }
```

Border

The CSS property to change the border of an element to XYZ 29.4986, 34.7385, 25.2291 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(148, 165, 127) }
```


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

```
.border{ border-color:rgb(148, 165, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 165, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 165, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 165, 127);  
box-shadow:4px 4px 4px 4px rgb(148, 165,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4986, 34.7385, 25.2291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 165, 127) }
```

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

```
.background{ background-color: rgb(148,  
165, 127) }
```

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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