

Converting Colors

XYZ(24.9907, 29.8438, 30.4354)

Have a look what the booklet for
XYZ(24.9907, 29.8438, 30.4354)
contains.

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Color

**XYZ(25.0148, 29.9711,
30.4532)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9C8F
RGB	123, 156, 143
RGB Percent	48%, 61%, 56%
CMY	0.5176, 0.3882, 0.4392
CMYK	0.21, 0.00, 0.08, 0.39
HSL	156°, 14%, 55%
HSV	156°, 21%, 61%
XYZ	25.0148, 29.9711, 30.4532
YIQ	144.6510, -15.4950, -11.0390

Conversions

Conversions Part 2

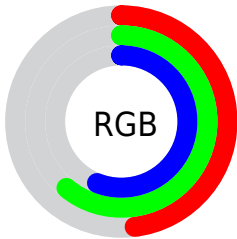
Format	Color
R_{YB}	123, 144, 156
Decimal	8101007
CIE _{Lab}	61.63, -14.19, 3.05
CIE _{LCh}	62, 14.511, 167.868
Yxy	29.9711, 0.2928, 0.3508
Android (android.graphics.Color)	4286291087 (0xFF7B9C8F)
YUV	144.6510, -0.8139, -18.9879
Hunter-Lab	54.7459, -14.2440, 5.3412

Details

The XYZ color **25.0148, 29.9711, 30.4532** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.2383, 23.0122, 26.4055**, and the grayscale version is **26.7805, 28.1752, 30.6827**.

A 20% lighter version of the original color is **51.2768, 59.8499, 61.6729**, and **9.7750, 12.3099, 12.2168** is the 20% darker color. If you saturate the color by 10%, you get **22.5057, 28.7308, 27.9718**, and if you desaturate by 10%, it is **27.9067, 31.4075, 33.0870**.

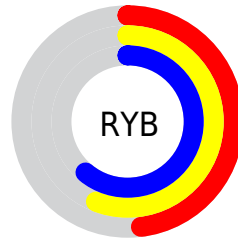
Distribution



Red (48%)

Green (61%)

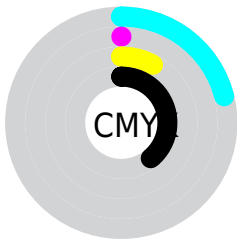
Blue (56%)



Red (48%)

Yellow (56%)

Blue (61%)

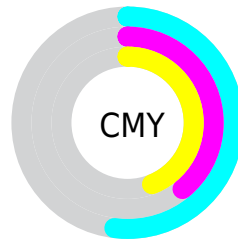


Cyan (21%)

Magenta (0%)

Yellow (8%)

Black (39%)



Cyan (52%)

Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0148, 29.9711, 30.4532 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 25.0148, 29.9711, 30.4532 by changing the saturation by 10% instead.

■ 25.0148, 29.9711,
30.4532

■ 25.0148, 29.9711,
30.4532

270.2579,
301.7697, 318.2841

■ 16.2169, 19.8167,
19.9279

■ 51.1240, 59.6165,
61.4476

■ 9.7696, 12.2618,
12.1591

■ 69.1659, 79.8762,
82.7538

■ 5.3075, 6.9223,
6.7282

■ 91.0199, 104.2731,
108.4906

■ 2.4654, 3.4135,
3.2169

117.0513,
133.1916, 139.0767

■ 0.8778, 1.3512,
1.2064

147.6254,
167.0162, 174.9305

■ 0.0000, 0.1804,
0.0000

183.1076,

■ 0.0000, 0.0000,

206.1311, 216.4707

0.0000

223.8634,
250.9208, 264.1157

■ 25.0148, 29.9711,
30.4532

■ 25.0148, 29.9711,
30.4532

■ 22.5057, 28.7308,
27.9718

■ 27.9067, 31.4075,
33.0870

■ 20.3598, 27.6739,
25.6379

■ 31.1951, 33.0444,
35.8739

■ 18.5593, 26.7923,
23.4491

■ 34.8958, 34.8909,
38.8174

■ 17.0838, 26.0755,
21.4022

■ 39.0233, 36.9543,
41.9201

■ 15.9109, 25.5118,
19.4939

■ 43.5912, 39.2416,
45.1847

■ 15.0151, 25.0883,
17.7206

■ 48.6124, 41.7594,
48.6135

■ 14.3662, 24.7895,
16.0786

■ 54.0995, 44.5142,
52.2090

■ 13.9338, 24.5960,
14.7305

■ 60.0644, 47.5121,
55.9737

■ 63.3587, 49.1300,
59.7619

Harmonies

Analogous

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



25.8257, 29.9711, 26.0185



25.0148, 29.9711, 30.4532



25.1029, 29.9711, 35.9995

Triad

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



25.0148, 29.9711, 30.4532



29.6389, 29.9711, 43.8136



31.0458, 29.9711, 25.3781

Complementary

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



25.0148, 29.9711, 30.4532



25.2383, 23.0122, 26.4055

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.



32.1615, 29.9711, 29.4840



25.0148, 29.9711, 30.4532



31.3244, 29.9711, 40.2841

Square

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



25.0148, 29.9711, 30.4532



27.7148, 29.9711, 44.1490



32.2657, 29.9711, 34.9153



29.2726, 29.9711, 23.3176

Rectangle

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



25.0148, 29.9711, 30.4532



25.6600, 29.9711, 39.5919



32.2657, 29.9711, 34.9153



31.5136, 29.9711, 26.5422

Sweetspot

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



25.0156, 29.9723, 30.4539



53.5998, 58.4927, 62.6063



25.6505, 30.4594, 23.2667



11.7172, 12.8326, 13.7107



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.



25.0156, 29.9723, 30.4539



43.3717, 53.4148, 53.3204



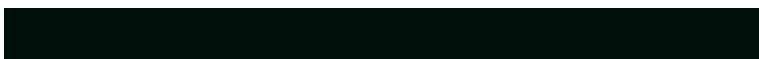
25.5123, 29.2969, 35.7642



6.7110, 7.4652, 7.9130



11.4940, 20.2655, 12.2243



0.2259, 0.3705, 0.3259

Inverse Universe

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



25.2383, 23.0122, 26.4055



43.8449, 38.6406, 44.7299



24.7857, 23.4973, 21.9684



6.7359, 6.6873, 7.4602



12.0133, 6.1099, 4.3210



0.2349, 0.1173, 0.1834

Previews

White Background



This preview shows how the XYZ color 25.0148, 29.9711, 30.4532 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 25.0148, 29.9711, 30.4532 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 25.0148, 29.9711, 30.4532

Background



This preview shows how black text looks on a background with the XYZ color 25.0148, 29.9711, 30.4532.



This preview shows how white text looks on a background with the XYZ color 25.0148, 29.9711,

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

25.0148, 29.9711, 30.4532

Protanopia

28.3870, 29.8162, 28.6850

Deuteranopia

30.4714, 29.9144, 31.3622



Tritanopia

26.9352, 30.0111, 39.9704

Trichromacy



Original Color

25.0148, 29.9711, 30.4532

Protanomaly

26.9556, 29.7775, 29.1379

Deuteranomaly

28.0952, 29.6137, 31.0233

Tritanomaly

26.2456, 29.9811, 36.3019

Monochromacy



Original Color

25.0148, 29.9711, 30.4532

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.0980, 28.8269, 30.5742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0148, 29.9711, 30.4532 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(123, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(123, 156, 143)  
}
```

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(123, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 156, 143) }
```

Border

The CSS property to change the border of an element to XYZ 25.0148, 29.9711, 30.4532 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(123, 156, 143) }
```


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

```
.border{ border-color:rgb(123, 156, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 156, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(123, 156,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0148, 29.9711, 30.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 156, 143) }
```

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

```
.background{ background-color: rgb(123,  
156, 143) }
```

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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