

Converting Colors

XYZ(25.0237, 27.4686, 14.0647)

Have a look what the booklet for
XYZ(25.0237, 27.4686, 14.0647)
contains.

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Color

**XYZ(25.0419, 27.4915,
14.1118)**

Conversions

Conversions Part 1

Format	Color
Hex	99905C
RGB	153, 144, 92
RGB Percent	60%, 56%, 36%
CMY	0.4000, 0.4353, 0.6392
CMYK	0.00, 0.06, 0.40, 0.40
HSL	51°, 25%, 48%
HSV	51°, 40%, 60%
XYZ	25.0419, 27.4915, 14.1118
YIQ	140.7630, 22.0560, -14.2640

Conversions

Conversions Part 2

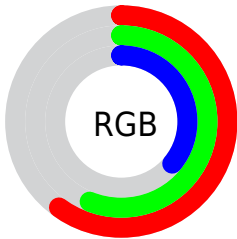
Format	Color
RYB	103, 153, 92
Decimal	10063964
CIELab	59.43, -4.58, 28.83
CIElCh	59, 29.193, 99.019
Yxy	27.4915, 0.3757, 0.4125
Android (android.graphics.Color)	4288254044 (0xFF99905C)
YUV	140.7630, -24.0402, 10.7318
Hunter-Lab	52.4323, -6.5043, 20.7451

Details

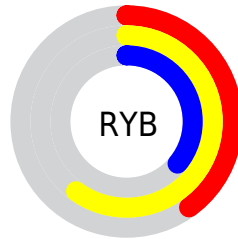
The XYZ color **25.0419, 27.4915, 14.1118** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.8171, 13.8823, 32.0356**, and the grayscale version is **25.3103, 26.6284, 28.9983**.

A 20% lighter version of the original color is **51.1644, 55.7812, 34.0568**, and **9.8432, 10.9616, 4.0796** is the 20% darker color. If you saturate the color by 10%, you get **24.1014, 26.5749, 10.8253**, and if you desaturate by 10%, it is **26.1257, 28.4784, 18.1132**.

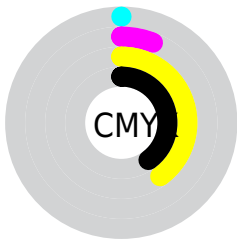
Distribution



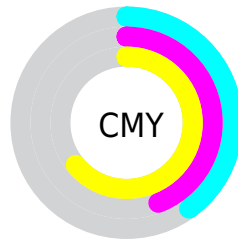
- Red (60%)
- Green (56%)
- Blue (36%)



- Red (40%)
- Yellow (60%)
- Blue (36%)



- Cyan (0%)
- Magenta (6%)
- Yellow (40%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0419, 27.4915, 14.1118 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 25.0419, 27.4915, 14.1118 by changing the saturation by 10% instead.

■ 25.0419, 27.4915,
14.1118

■ 25.0419, 27.4915,
14.1118

270.3903,
290.0291, 229.3778

■ 16.2372, 17.9427,
8.0588

■ 51.1676, 55.6716,
34.0072

■ 9.7840, 10.9089,
4.0443

■ 69.2193, 75.0716,
48.6868

■ 5.3172, 6.0056,
1.6497

■ 91.0840, 98.5242,
67.0790

■ 2.4712, 2.8485,
0.3259

■ 117.1271,
126.4137, 89.6023

■ 0.8808, 1.0531,
0.0000

147.7139,
159.1246, 116.6753

■ 0.0000, 0.0000,
0.0000

183.2098,

197.0412, 148.7165

223.9802,
240.5479, 186.1445

■ 25.0419, 27.4915,
14.1118

■ 25.0419, 27.4915,
14.1118

■ 24.1014, 26.5749,
10.8253

■ 26.1257, 28.4784,
18.1132

■ 23.2939, 25.7213,
8.2088

■ 27.3583, 29.5347,
22.8673

■ 22.6111, 24.9285,
6.2152

■ 28.7474, 30.6648,
28.4112

■ 22.0425, 24.1920,
4.7904

■ 30.2994, 31.8711,
34.7792

■ 21.5762, 23.5072,
3.8711

■ 32.0207, 33.1563,
42.0035

■ 21.1826, 22.8620,
3.3022

■ 33.9168, 34.5227,
50.1145

■ 21.1776, 22.8537,
3.2950

■ 35.9935, 35.9726,
59.1412

■ 38.2560, 37.5082,
69.1112

■ 40.7093, 39.1315,
80.0511

Harmonies

Analogous

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



28.7321, 27.4915, 14.7808



25.0419, 27.4915, 14.1118



21.9441, 27.4915, 16.8441

Triad

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



25.0419, 27.4915, 14.1118



21.0337, 27.4915, 44.5033



33.2685, 27.4915, 37.7475

Complementary

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



25.0419, 27.4915, 14.1118



14.8171, 13.8823, 32.0356

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.



30.8166, 27.4915, 48.4864



25.0419, 27.4915, 14.1118



23.6896, 27.4915, 52.9768

Square

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



25.0419, 27.4915, 14.1118



19.7762, 27.4915, 33.2061



27.2489, 27.4915, 54.5837



33.7165, 27.4915, 26.8834

Rectangle

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



25.0419, 27.4915, 14.1118



20.5478, 27.4915, 20.7095



27.2489, 27.4915, 54.5837



32.6411, 27.4915, 41.5559

Sweetspot

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



25.0426, 27.4928, 14.1124



50.8680, 54.4255, 48.3981



19.3206, 15.3695, 14.2992



11.1670, 11.9652, 10.4255



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.0426, 27.4928, 14.1124



43.3076, 47.7388, 19.8768



22.7843, 28.4326, 14.4128



6.6313, 7.0676, 6.6205



17.5218, 18.9259, 2.7296



0.2805, 0.3200, 0.0470

Inverse Universe

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



14.8171, 13.8823, 32.0356



22.3606, 19.8692, 56.6286



16.4324, 13.4886, 31.8745



5.9544, 6.1661, 7.8053



5.0145, 2.4256, 25.1116



0.0915, 0.0692, 0.3809

Previews

White Background



This preview shows how the XYZ color 25.0419, 27.4915, 14.1118 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 25.0419, 27.4915, 14.1118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

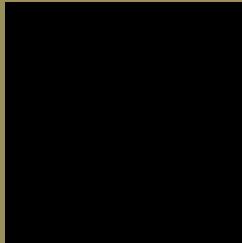
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0419, 27.4915, 14.1118

Background



This preview shows how black text looks on a background with the XYZ color 25.0419, 27.4915, 14.1118.



This preview shows how white text looks on a background with the XYZ color 25.0419, 27.4915,

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

25.0419, 27.4915, 14.1118

Protanopia

25.4645, 27.4855, 14.0883

Deuteranopia

27.9793, 27.4701, 14.4173



Tritanopia

28.5890, 27.4004, 31.7990

Trichromacy



Original Color

25.0419, 27.4915, 14.1118

Protanomaly

25.2718, 27.3862, 14.0793

Deuteranomaly

26.8709, 27.5458, 14.2565

Tritanomaly

27.1790, 27.4828, 24.2943

Monochromacy



Original Color

25.0419, 27.4915, 14.1118

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.9252, 26.7958, 22.5973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0419, 27.4915, 14.1118 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(153, 144, 92)` looks like.

```
.text, #text, p{  
    color:rgb(153, 144, 92)  
}
```

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(153, 144, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 144, 92) }
```

Border

The CSS property to change the border of an element to XYZ 25.0419, 27.4915, 14.1118 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(153, 144, 92) }
```


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

```
.border{ border-color:rgb(153, 144, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 144, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 144, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 144, 92);  
box-shadow:4px 4px 4px 4px rgb(153, 144,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0419, 27.4915, 14.1118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 144, 92) }
```

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

```
.background{ background-color: rgb(153,  
144, 92) }
```

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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