

Converting Colors

XYZ(25.9193, 27.9538, 13.7024)

Have a look what the booklet for
XYZ(25.9193, 27.9538, 13.7024)
contains.

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Color

**XYZ(25.9193, 27.9538,
13.7024)**

Conversions

Conversions Part 1

Format	Color
Hex	9E905A
RGB	158, 144, 90
RGB Percent	62%, 56%, 35%
CMY	0.3804, 0.4353, 0.6471
CMYK	0.00, 0.09, 0.43, 0.38
HSL	48°, 27%, 49%
HSV	48°, 43%, 62%
XYZ	25.9193, 27.9538, 13.7024
YIQ	142.0300, 25.6780, -13.8260

Conversions

Conversions Part 2

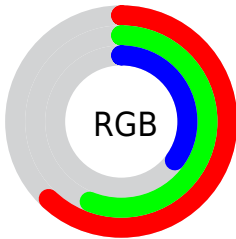
Format	Color
RYB	108, 158, 90
Decimal	10391642
CIELab	59.85, -2.69, 30.55
CIELCh	60, 30.664, 95.029
Yxy	27.9538, 0.3836, 0.4137
Android (android.graphics.Color)	4288581722 (0xFF9E905A)
YUV	142.0300, -25.6508, 14.0057
Hunter-Lab	52.8714, -5.0182, 21.6441

Details

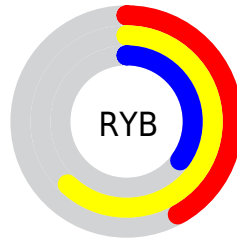
The XYZ color **25.9193, 27.9538, 13.7024** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.3382, 14.5425, 34.3464**, and the grayscale version is **25.8148, 27.1592, 29.5764**.

A 20% lighter version of the original color is **52.7334, 56.6074, 33.3463**, and **10.2644, 11.1831, 3.9031** is the 20% darker color. If you saturate the color by 10%, you get **24.8318, 26.7430, 10.3674**, and if you desaturate by 10%, it is **27.1654, 29.2528, 17.7962**.

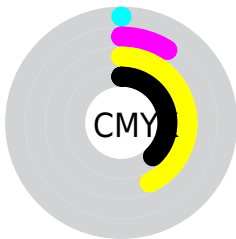
Distribution



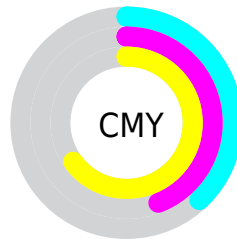
- Red (62%)
- Green (56%)
- Blue (35%)



- Red (42%)
- Yellow (62%)
- Blue (35%)



- Cyan (0%)
- Magenta (9%)
- Yellow (43%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9193, 27.9538, 13.7024 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 25.9193, 27.9538, 13.7024 by changing the saturation by 10% instead.

■ 25.9193, 27.9538,
13.7024

■ 25.9193, 27.9538,
13.7024

274.6497,
292.2461, 226.7352

■ 16.8956, 18.2908,
7.7776

■ 52.5770, 56.4107,
33.2695

■ 10.2550, 11.1590,
3.8672

■ 70.9417, 75.9734,
47.7489

■ 5.6319, 6.1739,
1.5528

■ 93.1508, 99.6048,
65.9170

■ 2.6611, 2.9511,
0.2568

■ 119.5696,
127.6893, 88.1921

■ 0.9772, 1.1063,
0.0000

150.5636,
160.6113, 114.9930

■ 0.0000, 0.0000,
0.0000

186.4980,

198.7551, 146.7381

227.7383,
242.5053, 183.8460

■ 25.9193, 27.9538,
13.7024

■ 25.9193, 27.9538,
13.7024

■ 24.8318, 26.7430,
10.3674

■ 27.1654, 29.2528,
17.7962

■ 23.8915, 25.6125,
7.7413

■ 28.5764, 30.6397,
22.6911

■ 23.0887, 24.5594,
5.7709

■ 30.1609, 32.1190,
28.4282

■ 22.4118, 23.5788,
4.3949

■ 31.9261, 33.6938,
35.0453

■ 21.8468, 22.6648,
3.5400

■ 33.8789, 35.3672,
42.5779

■ 21.4950, 22.0580,
3.1247

■ 36.0257, 37.1417,
51.0596

■ 38.3728, 39.0202,
60.5222

■ 40.9259, 41.0050,
70.9961

■ 43.6907, 43.0987,
82.5104

Harmonies

Analogous

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



29.8520, 27.9538, 14.8609



25.9193, 27.9538, 13.7024



22.5049, 27.9538, 16.0552

Triad

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



25.9193, 27.9538, 13.7024



20.9055, 27.9538, 44.4549



33.9391, 27.9538, 40.4002

Complementary

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



25.9193, 27.9538, 13.7024



15.3382, 14.5425, 34.3464

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.



31.0956, 27.9538, 51.5516



25.9193, 27.9538, 13.7024



23.5364, 27.9538, 54.2646

Square

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



25.9193, 27.9538, 13.7024



19.7961, 27.9538, 32.3526



27.2300, 27.9538, 57.1355



34.7341, 27.9538, 28.5985

Rectangle

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



25.9193, 27.9538, 13.7024



20.9018, 27.9538, 19.7403



27.2300, 27.9538, 57.1355



33.1784, 27.9538, 44.4323

Sweetspot

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



25.9200, 27.9551, 13.7030



54.7062, 58.2678, 51.3826



20.2931, 15.5962, 15.2340



12.1911, 13.0059, 11.0617



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.9200, 27.9551, 13.7030



45.0982, 48.5696, 18.8384



24.6755, 30.6580, 14.2903



7.0542, 7.4883, 7.0593



17.2438, 17.7233, 2.5121



0.3352, 0.3707, 0.0539

Inverse Universe

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



15.3382, 14.5425, 34.3464



23.2368, 20.8796, 61.5489



16.1676, 13.0495, 34.0145



6.3899, 6.6455, 8.3526



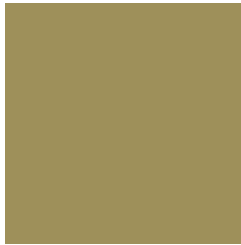
5.3918, 2.8752, 26.1780



0.1226, 0.1037, 0.4768

Previews

White Background



This preview shows how the XYZ color 25.9193, 27.9538, 13.7024 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 25.9193, 27.9538, 13.7024 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 25.9193, 27.9538, 13.7024

Background



This preview shows how black text looks on a background with the XYZ color 25.9193, 27.9538, 13.7024.



This preview shows how white text looks on a background with the XYZ color 25.9193, 27.9538,

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

25.9193, 27.9538, 13.7024

Protanopia

25.7233, 27.8528, 13.6932

Deuteranopia

28.4324, 27.9310, 13.7902



Tritanopia

29.6008, 27.9220, 31.8463

Trichromacy



Original Color

25.9193, 27.9538, 13.7024

Protanomaly

25.7233, 27.8528, 13.6932

Deuteranomaly

27.4149, 27.8363, 13.8256

Tritanomaly

28.1091, 27.9699, 23.9959

Monochromacy



Original Color

25.9193, 27.9538, 13.7024

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.6104, 27.3709, 22.6722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9193, 27.9538, 13.7024 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(158, 144, 90)` looks like.

```
.text, #text, p{  
    color:rgb(158, 144, 90)  
}
```

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(158, 144, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 144, 90) }
```

Border

The CSS property to change the border of an element to XYZ 25.9193, 27.9538, 13.7024 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(158, 144, 90) }
```


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

```
.border{ border-color:rgb(158, 144, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 144, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 144, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 144, 90);  
box-shadow:4px 4px 4px 4px rgb(158, 144,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9193, 27.9538, 13.7024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 144, 90) }
```

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

```
.background{ background-color: rgb(158,  
144, 90) }
```

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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