

Converting Colors

XYZ(25.5561, 29.5454, 14.2855)

Have a look what the booklet for
XYZ(25.5561, 29.5454, 14.2855)
contains.

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Color

**XYZ(25.6942, 29.6958,
14.2752)**

Conversions

Conversions Part 1

Format	Color
Hex	96985B
RGB	150, 152, 91
RGB Percent	59%, 60%, 36%
CMY	0.4118, 0.4039, 0.6431
CMYK	0.01, 0.00, 0.40, 0.40
HSL	62°, 25%, 48%
HSV	62°, 40%, 60%
XYZ	25.6942, 29.6958, 14.2752
YIQ	144.4480, 18.3890, -19.3950

Conversions

Conversions Part 2

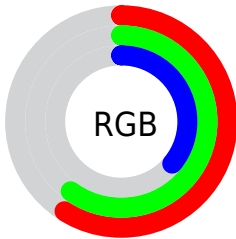
Format	Color
RYB	91, 152, 93
Decimal	9869403
CIELab	61.39, -10.28, 31.83
CIELCh	61, 33.450, 107.905
Yxy	29.6958, 0.3688, 0.4263
Android (android.graphics.Color)	4288059483 (0xFF96985B)
YUV	144.4480, -26.3499, 4.8691
Hunter-Lab	54.4939, -11.2004, 22.6141

Details

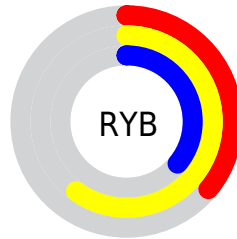
The XYZ color **25.6942, 29.6958, 14.2752** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.9239, 12.0771, 31.3047**, and the grayscale version is **26.7886, 28.1837, 30.6920**.

A 20% lighter version of the original color is **52.1306, 59.0747, 34.2462**, and **10.1267, 12.0784, 4.0831** is the 20% darker color. If you saturate the color by 10%, you get **25.0124, 29.4135, 11.1604**, and if you desaturate by 10%, it is **26.5107, 30.0341, 18.0908**.

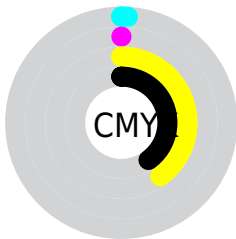
Distribution



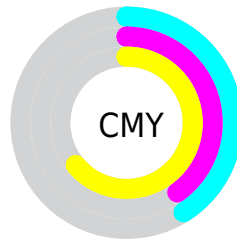
- Red (59%)
- Green (60%)
- Blue (36%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (40%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6942, 29.6958, 14.2752 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 25.6942, 29.6958, 14.2752 by changing the saturation by 10% instead.

■ 25.6942, 29.6958,
14.2752

■ 25.6942, 29.6958,
14.2752

273.5620,
300.4839, 230.4239

■ 16.7265, 19.6078,
8.1714

■ 52.2160, 59.1808,
34.3007

■ 10.1338, 12.1103,
4.1155

■ 70.5009, 79.3465,
49.0594

■ 5.5507, 6.8188,
1.6889

■ 92.6221, 103.6404,
67.5402

■ 2.6119, 3.3491,
0.3531

■ 118.9451,
132.4466, 90.1616

■ 0.9520, 1.3166,
0.0000

149.8353,
166.1497, 117.3421

■ 0.0000, 0.1540,
0.0000

185.6579,

■ 0.0000, 0.0000,

205.1340, 149.5003

0.0000

226.7783,
249.7840, 187.0547

■ 25.6942, 29.6958,
14.2752

■ 25.6942, 29.6958,
14.2752

■ 25.0124, 29.4135,
11.1604

■ 26.5107, 30.0341,
18.0908

■ 24.4551, 29.1801,
8.7022

■ 27.4671, 30.4273,
22.6443

■ 24.0140, 28.9931,
6.8538


■ 28.5709, 30.8796,
27.9724


■ 23.6789, 28.8486,
5.5621


■ 29.8287, 31.3935,
34.1089


■ 23.4381, 28.7419,
4.7644


■ 31.2464, 31.9714,
41.0854

 23.2633, 28.6617,
4.3062

 32.8297, 32.6156,
48.9319

 34.5840, 33.3282,
57.6770

 36.5145, 34.1114,
67.3480

 38.6262, 34.9671,
77.9708

Harmonies

Analogous

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



30.0417, 29.6958, 13.9085



25.6942, 29.6958, 14.2752



22.3817, 29.6958, 18.6184

Triad

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



25.6942, 29.6958, 14.2752



22.9071, 29.6958, 53.9425



37.3680, 29.6958, 37.7013

Complementary

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



25.6942, 29.6958, 14.2752



13.9239, 12.0771, 31.3047

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.



35.0059, 29.6958, 51.5279



25.6942, 29.6958, 14.2752



26.4830, 29.6958, 62.4157

Square

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



25.6942, 29.6958, 14.2752



20.8918, 29.6958, 40.4007



30.9167, 29.6958, 61.4319



37.1001, 29.6958, 25.4190

Rectangle

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



25.6942, 29.6958, 14.2752



21.0660, 29.6958, 24.0223



30.9167, 29.6958, 61.4319



36.8459, 29.6958, 42.3701

Sweetspot

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



25.6949, 29.6971, 14.2758



49.9961, 54.3258, 47.2786



18.6668, 15.0887, 11.8265



11.3101, 12.3257, 10.4875



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.



25.6949, 29.6971, 14.2758



44.2793, 51.9701, 20.2944



20.9306, 27.2411, 14.0529



6.6888, 7.2126, 6.6455



19.5100, 24.0336, 3.6107



0.2970, 0.3621, 0.0542

Inverse Universe

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



13.9239, 12.0771, 31.3047



20.6142, 16.5396, 54.5396



17.5089, 13.9252, 31.4725



5.9023, 6.0355, 7.7829



4.8098, 1.9306, 25.0268



0.0763, 0.0311, 0.3744

Previews

White Background



This preview shows how the XYZ color 25.6942, 29.6958, 14.2752 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 25.6942, 29.6958, 14.2752 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

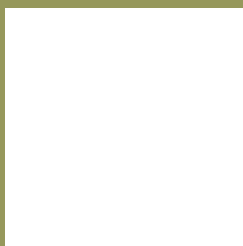
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6942, 29.6958, 14.2752

Background



This preview shows how black text looks on a background with the XYZ color 25.6942, 29.6958, 14.2752.



This preview shows how white text looks on a background with the XYZ color 25.6942, 29.6958,

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

25.6942, 29.6958, 14.2752

Protanopia

27.3357, 29.5994, 13.9454

Deuteranopia

30.2392, 29.7200, 14.4987



Tritanopia

29.8786, 29.5149, 35.5747

Trichromacy



Original Color

25.6942, 29.6958, 14.2752

Protanomaly

26.6935, 29.5022, 13.9605

Deuteranomaly

28.3591, 29.6553, 14.3546

Tritanomaly

27.9250, 29.4034, 26.0334

Monochromacy



Original Color

25.6942, 29.6958, 14.2752

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.9894, 28.4591, 23.5254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6942, 29.6958, 14.2752 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(150, 152, 91)` looks like.

```
.text, #text, p{  
    color:rgb(150, 152, 91)  
}
```

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(150, 152, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 152, 91) }
```

Border

The CSS property to change the border of an element to XYZ 25.6942, 29.6958, 14.2752 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(150, 152, 91) }
```


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

```
.border{ border-color:rgb(150, 152, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 152, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 152, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 152, 91);  
box-shadow:4px 4px 4px 4px rgb(150, 152,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6942, 29.6958, 14.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 152, 91) }
```

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

```
.background{ background-color: rgb(150,  
152, 91) }
```

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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