

Converting Colors

XYZ(14.2641, 25.4635, 5.9969)

Have a look what the booklet for
XYZ(14.2641, 25.4635, 5.9969)
contains.

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Color

**XYZ(14.2641, 25.4635,
5.9969)**

Conversions

Conversions Part 1

Format	Color
Hex	399E26
RGB	57, 158, 38
RGB Percent	22%, 62%, 15%
CMY	0.7765, 0.3804, 0.8510
CMYK	0.64, 0.00, 0.76, 0.38
HSL	111°, 61%, 38%
HSV	111°, 76%, 62%
XYZ	14.2641, 25.4635, 5.9969
YIQ	114.1210, -21.6760, -58.7320

Conversions

Conversions Part 2

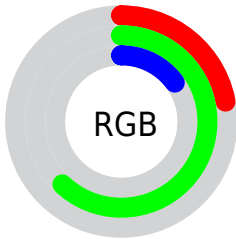
Format	Color
RYB	38, 158, 139
Decimal	3776038
CIELab	57.52, -51.21, 50.67
CIElCh	58, 72.040, 135.301
Yxy	25.4635, 0.3120, 0.5569
Android (android.graphics.Color)	4281966118 (0xFF399E26)
YUV	114.1210, -37.5277, -50.0951
Hunter-Lab	50.4614, -37.8502, 28.2769

Details

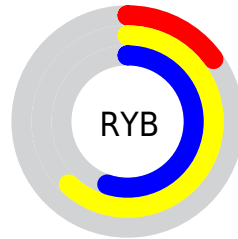
The XYZ color **14.2641, 25.4635, 5.9969** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **17.5136, 9.3448, 33.2297**, and the grayscale version is **16.1451, 16.9859, 18.4977**.

A 20% lighter version of the original color is **33.3145, 52.6477, 18.5314**, and **5.0516, 10.1032, 1.6839** is the 20% darker color. If you saturate the color by 10%, you get **13.4001, 25.0423, 4.8968**, and if you desaturate by 10%, it is **15.4361, 26.0325, 7.6773**.

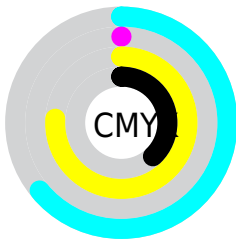
Distribution



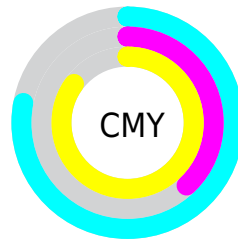
- Red (22%)
- Green (62%)
- Blue (15%)



- Red (15%)
- Yellow (62%)
- Blue (55%)



- Cyan (64%)
- Magenta (0%)
- Yellow (76%)
- Black (38%)





- Cyan (78%)
- Magenta (38%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2641, 25.4635, 5.9969 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 14.2641, 25.4635, 5.9969 by changing the saturation by 10% instead.


 14.2641, 25.4635,
5.9969


 14.2641, 25.4635,
5.9969


212.3456,
280.1384, 168.3486


 8.3875, 16.4227,
2.7744


 33.1393, 52.4082,
18.4020


 4.3978, 9.8238,
0.9806


 46.8686, 71.0808,
28.4217

 1.9295, 5.2823,
0.0000

 63.9461, 93.7329,
41.5443

 0.5939, 2.4138,
0.0000

 84.7373, 120.7488,
58.1883

 0.0000, 0.8330,
0.0000

 109.6075,
152.5129, 78.7721

 0.0000, 0.0000,
0.0000

 138.9220,

189.4096, 103.7145

173.0463,
231.8233, 133.4338

■ 14.2641, 25.4635,
5.9969

■ 14.2641, 25.4635,
5.9969

■ 13.4001, 25.0423,
4.8968

■ 15.4361, 26.0325,
7.6773

■ 12.8097, 24.7509,
4.2862

■ 16.9408, 26.7583,
10.0013

■ 12.6286, 24.6615,
4.0946

■ 18.8022, 27.6529,
13.0257

■ 21.0414, 28.7260,
16.8006

■ 23.6782, 29.9869,
21.3717

■ 26.7307, 31.4439,
26.7808

■ 30.2159, 33.1051,
33.0669

■ 34.1500, 34.9779,
40.2666

■ 38.5482, 37.0695,
48.4144

Harmonies

Analogous

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



20.1030, 25.4635, 2.5578



14.2641, 25.4635, 5.9969



11.4907, 25.4635, 17.3778

Triad

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



14.2641, 25.4635, 5.9969



20.2512, 25.4635, 103.1840



43.8676, 25.4635, 17.0290

Complementary

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



14.2641, 25.4635, 5.9969



17.5136, 9.3448, 33.2297

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.



43.9343, 25.4635, 41.5321



14.2641, 25.4635, 5.9969



28.8241, 25.4635, 102.8759

Square

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



14.2641, 25.4635, 5.9969



14.3504, 25.4635, 76.7235



37.9317, 25.4635, 76.0339



37.7666, 25.4635, 5.8713

Rectangle

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



14.2641, 25.4635, 5.9969



11.2073, 25.4635, 32.3255



37.9317, 25.4635, 76.0339



44.6368, 25.4635, 23.5838

Sweetspot

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



14.2647, 25.4646, 5.9975



44.3101, 55.0807, 41.1169



23.5400, 25.5873, 5.5323



9.5860, 12.2251, 8.5607



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.



14.2647, 25.4646, 5.9975



23.5533, 45.0903, 8.0598



14.4022, 25.4170, 11.3554



6.6437, 7.4490, 7.0733



10.1369, 19.7625, 3.2803



0.2054, 0.3658, 0.0598

Inverse Universe

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



17.5136, 9.3448, 33.2297



29.5183, 14.2580, 59.9397



18.0646, 9.9640, 18.1118



6.8010, 6.7014, 8.3417



12.7154, 5.9841, 26.3921



0.2526, 0.1200, 0.4731

Previews

White Background



This preview shows how the XYZ color 14.2641, 25.4635, 5.9969 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 14.2641, 25.4635, 5.9969 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 14.2641, 25.4635, 5.9969

Background



This preview shows how black text looks on a background with the XYZ color 14.2641, 25.4635, 5.9969.



This preview shows how white text looks on a background with the XYZ color 14.2641, 25.4635,

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

14.2641, 25.4635, 5.9969

Protanopia

22.6894, 25.1568, 5.0987

Deuteranopia

25.3529, 24.8535, 6.4786



Tritanopia

20.3479, 25.2555, 36.6032

Trichromacy



Original Color

14.2641, 25.4635, 5.9969

Protanomaly

18.0365, 24.2941, 5.3287

Deuteranomaly

19.0771, 23.6993, 6.1537

Tritanomaly

16.9852, 24.8269, 20.1165

Monochromacy



Original Color

14.2641, 25.4635, 5.9969

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.1765, 18.9643, 11.7174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2641, 25.4635, 5.9969 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(57, 158, 38)` looks like.

```
.text, #text, p{  
    color:rgb(57, 158, 38)  
}
```

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(57, 158, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 158, 38) }
```

Border

The CSS property to change the border of an element to XYZ 14.2641, 25.4635, 5.9969 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(57, 158, 38) }
```


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

```
.border{ border-color:rgb(57, 158, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 158, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 158, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 158, 38);  
box-shadow:4px 4px 4px 4px rgb(57, 158,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2641, 25.4635, 5.9969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 158, 38) }
```

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

```
.background{ background-color: rgb(57, 158,  
38) }
```

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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