

Converting Colors

XYZ(14.1859, 22.5820, 9.6597)

Have a look what the booklet for
XYZ(14.1859, 22.5820, 9.6597)
contains.

XYZ(14.2759, 22.7130, 9.7625)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.2759, 22.7130,
9.7625)**

Conversions

Conversions Part 1

Format	Color
Hex	489348
RGB	72, 147, 72
RGB Percent	28%, 58%, 28%
CMY	0.7176, 0.4235, 0.7176
CMYK	0.51, 0.00, 0.51, 0.42
HSL	120°, 34%, 43%
HSV	120°, 51%, 58%
XYZ	14.2759, 22.7130, 9.7625
YIQ	116.0250, -20.6250, -39.2250

Conversions

Conversions Part 2

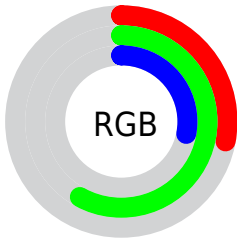
Format	Color
RYB	72, 147, 147
Decimal	4756296
CIELab	54.78, -39.29, 32.51
CIElCh	55, 50.993, 140.390
Yxy	22.7130, 0.3054, 0.4858
Android (android.graphics.Color)	4282946376 (0xFF489348)
YUV	116.0250, -21.7043, -38.6099
Hunter-Lab	47.6582, -29.9325, 21.2155

Details

The XYZ color **14.2759, 22.7130, 9.7625** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **19.6171, 12.9448, 29.0691**, and the grayscale version is **16.6776, 17.5461, 19.1077**.

A 20% lighter version of the original color is **33.2376, 48.0818, 25.9413**, and **4.3572, 8.3020, 2.2369** is the 20% darker color. If you saturate the color by 10%, you get **12.8848, 22.0454, 7.4866**, and if you desaturate by 10%, it is **16.0449, 23.5634, 12.6557**.

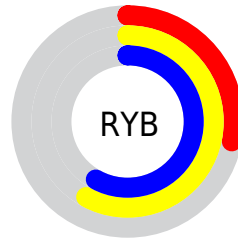
Distribution



Red (28%)

Green (58%)

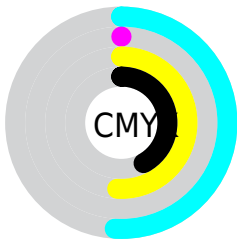
Blue (28%)



Red (28%)

Yellow (58%)

Blue (58%)

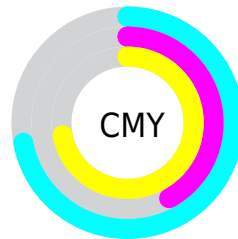


Cyan (51%)

Magenta (0%)

Yellow (51%)

Black (42%)



Cyan (72%)

Magenta (42%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2759, 22.7130, 9.7625 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 14.2759, 22.7130, 9.7625 by changing the saturation by 10% instead.

■ 14.2759, 22.7130,
9.7625

■ 14.2759, 22.7130,
9.7625

212.4170,
266.2475, 199.3913

■ 8.3958, 14.3817,
5.1382

■ 33.1600, 47.9216,
25.9486

■ 4.4032, 8.3866,
2.2684

■ 46.8946, 65.5678,
38.3475

■ 1.9326, 4.3433,
0.7135

■ 63.9782, 87.0877,
54.1751

■ 0.5957, 1.8674,
0.0000

■ 84.7760, 112.8658,
73.8498

■ 0.0000, 0.5287,
0.0000

■ 109.6535,
143.2864, 97.7903

■ 0.0000, 0.0000,
0.0000

138.9759,

178.7340, 126.4150

173.1086,
219.5928, 160.1425

■ 14.2759, 22.7130,
9.7625

■ 14.2759, 22.7130,
9.7625

■ 12.8848, 22.0454,
7.4866

■ 16.0449, 23.5634,
12.6557

■ 11.8425, 21.5448,
5.7818

■ 18.2148, 24.6057,
16.2048

■ 11.1187, 21.1971,
4.5979

■ 20.8085, 25.8516,
20.4473

■ 10.6770, 20.9850,
3.8754

■ 23.8469, 27.3111,
25.4172

■ 10.4342, 20.8683,
3.4781

■ 27.3496, 28.9936,
31.1464

■ 31.3347, 30.9079,
37.6649

■ 35.8198, 33.0623,
45.0009

■ 40.8212, 35.4647,
53.1815

■ 46.3546, 38.1227,
62.2324

Harmonies

Analogous

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



18.0318, 22.7130, 5.5665



14.2759, 22.7130, 9.7625



12.5768, 22.7130, 19.9073

Triad

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



14.2759, 22.7130, 9.7625



19.8307, 22.7130, 69.6239



33.4083, 22.7130, 15.4252

Complementary

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



14.2759, 22.7130, 9.7625



19.6171, 12.9448, 29.0691

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.



34.1174, 22.7130, 30.2761



14.2759, 22.7130, 9.7625



25.5836, 22.7130, 66.6614

Square

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



14.2759, 22.7130, 9.7625



15.3954, 22.7130, 57.1305



31.0481, 22.7130, 50.2316



29.2517, 22.7130, 7.7098

Rectangle

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



14.2759, 22.7130, 9.7625



12.5947, 22.7130, 30.7538



31.0481, 22.7130, 50.2316



34.0828, 22.7130, 19.5502

Sweetspot

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



14.2765, 22.7140, 9.7630



40.2719, 47.7399, 41.5375



23.6370, 27.5395, 10.2009



8.9562, 10.7841, 9.0944



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.2765, 22.7140, 9.7630



22.8108, 39.3524, 12.9767



15.8941, 23.3610, 18.2815



5.7296, 6.4684, 6.1870



9.0455, 18.0910, 3.0152



0.1107, 0.2214, 0.0369

Inverse Universe

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



19.6171, 12.9448, 29.0691



33.4683, 19.8577, 51.5025



17.1380, 11.9531, 16.0139



6.0353, 5.9092, 7.2922



14.9973, 7.2040, 24.5303



0.1836, 0.0882, 0.3002

Previews

White Background



This preview shows how the XYZ color 14.2759, 22.7130, 9.7625 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 14.2759, 22.7130, 9.7625 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 14.2759, 22.7130, 9.7625

Background



This preview shows how black text looks on a background with the XYZ color 14.2759, 22.7130, 9.7625.



This preview shows how white text looks on a background with the XYZ color 14.2759, 22.7130,

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

14.2759, 22.7130, 9.7625

Protanopia

20.4676, 22.2879, 8.3775

Deuteranopia

22.6833, 22.2345, 10.3039



Tritanopia

18.8575, 22.7911, 32.2594

Trichromacy



Original Color

14.2759, 22.7130, 9.7625

Protanomaly

17.3188, 21.8772, 8.7788

Deuteranomaly

18.3082, 21.5364, 10.0295

Tritanomaly

16.7531, 22.5901, 21.8897

Monochromacy



Original Color

14.2759, 22.7130, 9.7625

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.1452, 18.8082, 14.8887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2759, 22.7130, 9.7625 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(72, 147, 72)` looks like.

```
.text, #text, p{  
    color:rgb(72, 147, 72)  
}
```

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(72, 147, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 147, 72) }
```

Border

The CSS property to change the border of an element to XYZ 14.2759, 22.7130, 9.7625 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(72, 147, 72) }
```


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

```
.border{ border-color:rgb(72, 147, 72) }
```

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

Here you see how a box with a 4 pixel rgb(72, 147, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 147, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 147, 72);  
box-shadow:4px 4px 4px 4px rgb(72, 147,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2759, 22.7130, 9.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 147, 72) }
```

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

```
.background{ background-color: rgb(72, 147,  
72) }
```

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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