

Converting Colors

XYZ(22.5925, 27.5698, 9.1080)

Have a look what the booklet for
XYZ(22.5925, 27.5698, 9.1080)
contains.

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Color

**XYZ(22.5168, 27.4520,
9.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9541
RGB	140, 149, 65
RGB Percent	55%, 58%, 25%
CMY	0.4510, 0.4157, 0.7451
CMYK	0.06, 0.00, 0.56, 0.42
HSL	66°, 39%, 42%
HSV	66°, 56%, 58%
XYZ	22.5168, 27.4520, 9.1130
YIQ	136.7330, 21.6000, -28.0320

Conversions

Conversions Part 2

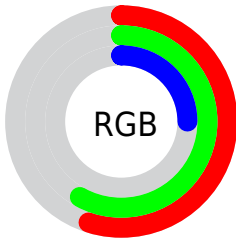
Format	Color
RYB	65, 149, 74
Decimal	9213249
CIELab	59.39, -15.58, 42.50
CIElCh	59, 45.264, 110.131
Yxy	27.4520, 0.3811, 0.4646
Android (android.graphics.Color)	4287403329 (0xFF8C9541)
YUV	136.7330, -35.3644, 2.8652
Hunter-Lab	52.3947, -14.9796, 26.3640

Details

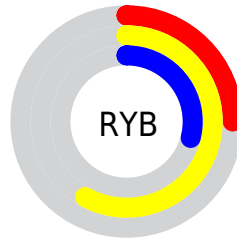
The XYZ color **22.5168, 27.4520, 9.1130** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.1401, 7.4070, 29.3307**, and the grayscale version is **23.8012, 25.0407, 27.2693**.

A 20% lighter version of the original color is **47.0140, 55.5749, 24.7721**, and **8.3708, 10.7907, 2.0224** is the 20% darker color. If you saturate the color by 10%, you get **21.8740, 27.1650, 7.1196**, and if you desaturate by 10%, it is **23.2787, 27.7891, 11.7075**.

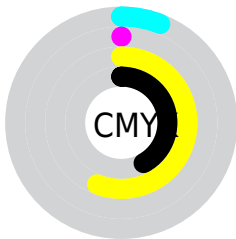
Distribution



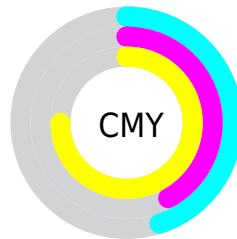
- Red (55%)
- Green (58%)
- Blue (25%)



- Red (25%)
- Yellow (58%)
- Blue (29%)



- Cyan (6%)
- Magenta (0%)
- Yellow (56%)
- Black (42%)



- Cyan (45%)
- Magenta (42%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5168, 27.4520, 9.1130 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 22.5168, 27.4520, 9.1130 by changing the saturation by 10% instead.

■ 22.5168, 27.4520,
9.1130

■ 22.5168, 27.4520,
9.1130

257.8153,
289.8390, 194.4676

■ 14.3559, 17.9130,
4.7171

■ 47.0712, 55.6083,
24.6944

■ 8.4519, 10.8875,
2.0265

■ 64.1954, 74.9944,
36.7170

■ 4.4397, 5.9913,
0.5715

■ 85.0380, 98.4317,
52.1190

■ 1.9538, 2.8398,
0.0000

■ 109.9644,
126.3045, 71.3188

■ 0.6078, 1.0487,
0.0000

■ 139.3400,
158.9972, 94.7350

■ 0.0000, 0.0000,
0.0000

173.5301,

196.8943, 122.7862

212.9001,
240.3801, 155.8909

■ 22.5168, 27.4520,
9.1130

■ 22.5168, 27.4520,
9.1130

■ 21.8740, 27.1650,
7.1196

■ 23.2787, 27.7891,
11.7075

■ 21.3391, 26.9206,
5.6773

■ 24.1660, 28.1758,
14.9444

■ 20.9023, 26.7159,
4.7310

■ 25.1867, 28.6163,
18.8633

■ 20.5473, 26.5444,
4.1957

■ 26.3477, 29.1134,
23.5004

■ 20.4260, 26.4853,
4.0356

■ 27.6554, 29.6696,
28.8889

■ 29.1156, 30.2873,
35.0603

■ 30.7341, 30.9687,
42.0441

■ 32.5162, 31.7161,
49.8684

■ 34.4670, 32.5314,
58.5598

Harmonies

Analogous

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



28.0061, 27.4520, 8.4738



22.5168, 27.4520, 9.1130



18.5866, 27.4520, 14.0091

Triad

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



22.5168, 27.4520, 9.1130



19.7083, 27.4520, 60.8333



38.3759, 27.4520, 35.5687

Complementary

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



22.5168, 27.4520, 9.1130



10.1401, 7.4070, 29.3307

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.



35.3873, 27.4520, 54.7089



22.5168, 27.4520, 9.1130



24.2677, 27.4520, 72.4164

Square

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



22.5168, 27.4520, 9.1130



17.1355, 27.4520, 41.9769



30.0276, 27.4520, 69.8402



37.7268, 27.4520, 20.3802

Rectangle

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



22.5168, 27.4520, 9.1130



17.1227, 27.4520, 20.4840



30.0276, 27.4520, 69.8402



37.7486, 27.4520, 41.8094

Sweetspot

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



22.5175, 27.4533, 9.1136



46.9698, 52.0444, 41.2208



15.7584, 11.5897, 6.4078



10.3244, 11.4975, 8.7929



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.



22.5175, 27.4533, 9.1136



38.8638, 48.5068, 11.8741



16.8046, 24.5082, 8.8462



6.2048, 6.7134, 6.2093



17.2053, 22.2975, 3.3970



0.2247, 0.2802, 0.0422

Inverse Universe

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



10.1401, 7.4070, 29.3307



14.4304, 8.8754, 51.8738



14.4389, 9.6231, 29.5319



5.5538, 5.6610, 7.2697



4.7589, 1.9259, 24.0519



0.0696, 0.0294, 0.2949

Previews

White Background



This preview shows how the XYZ color 22.5168, 27.4520, 9.1130 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 22.5168, 27.4520, 9.1130 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 22.5168, 27.4520, 9.1130

Background



This preview shows how black text looks on a background with the XYZ color 22.5168, 27.4520, 9.1130.



This preview shows how white text looks on a background with the XYZ color 22.5168, 27.4520,

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

22.5168, 27.4520, 9.1130

Protanopia

25.0177, 27.3747, 8.6679

Deuteranopia

27.7828, 27.2681, 9.4292



Tritanopia

27.3584, 27.3801, 33.1211

Trichromacy



Original Color

22.5168, 27.4520, 9.1130

Protanomaly

23.9997, 27.2964, 8.8543

Deuteranomaly

25.6725, 27.2536, 9.3762

Tritanomaly

25.0667, 27.1120, 21.6813

Monochromacy



Original Color

22.5168, 27.4520, 9.1130

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.8754, 25.6007, 18.7747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5168, 27.4520, 9.1130 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(140, 149, 65)` looks like.

```
.text, #text, p{  
    color:rgb(140, 149, 65)  
}
```

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(140, 149, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 149, 65) }
```

Border

The CSS property to change the border of an element to XYZ 22.5168, 27.4520, 9.1130 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(140, 149, 65) }
```


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

```
.border{ border-color:rgb(140, 149, 65) }
```

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

Here you see how a box with a 4 pixel rgb(140, 149, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 149, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 149, 65);  
box-shadow:4px 4px 4px 4px rgb(140, 149,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5168, 27.4520, 9.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 149, 65) }
```

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

```
.background{ background-color: rgb(140,  
149, 65) }
```

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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