

Converting Colors

XYZ(22.5895, 29.1931, 9.0017)

Have a look what the booklet for
XYZ(22.5895, 29.1931, 9.0017)
contains.

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Color

**XYZ(22.5895, 29.1931,
9.0017)**

Conversions

Conversions Part 1

Format	Color
Hex	869C3E
RGB	134, 156, 62
RGB Percent	53%, 61%, 24%
CMY	0.4745, 0.3882, 0.7569
CMYK	0.14, 0.00, 0.60, 0.39
HSL	74°, 43%, 43%
HSV	74°, 60%, 61%
XYZ	22.5895, 29.1931, 9.0017
YIQ	138.7060, 17.0620, -33.8980

Conversions

Conversions Part 2

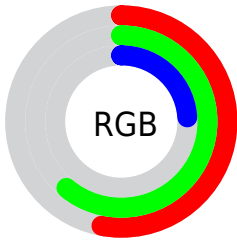
Format	Color
RYB	62, 156, 84
Decimal	8821822
CIELab	60.95, -21.98, 45.55
CIELCh	61, 50.573, 115.755
Yxy	29.1931, 0.3716, 0.4803
Android (android.graphics.Color)	4287011902 (0xFF869C3E)
YUV	138.7060, -37.8161, -4.1272
Hunter-Lab	54.0306, -19.9251, 27.9435

Details

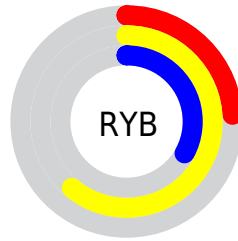
The XYZ color **22.5895, 29.1931, 9.0017** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.3807, 7.7312, 32.3467**, and the grayscale version is **24.5644, 25.8436, 28.1437**.

A 20% lighter version of the original color is **47.2612, 58.5996, 24.4427**, and **8.4723, 11.8634, 1.9869** is the 20% darker color. If you saturate the color by 10%, you get **21.6496, 28.7521, 7.0352**, and if you desaturate by 10%, it is **23.6738, 29.6963, 11.6176**.

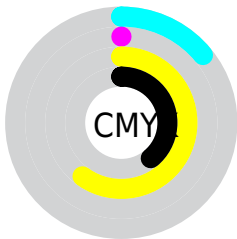
Distribution



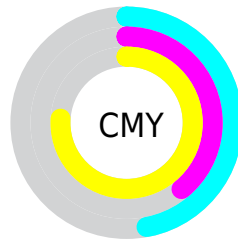
- Red (53%)
- Green (61%)
- Blue (24%)



- Red (24%)
- Yellow (61%)
- Blue (33%)



- Cyan (14%)
- Magenta (0%)
- Yellow (60%)
- Black (39%)



- Cyan (47%)
- Magenta (39%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5895, 29.1931, 9.0017 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 22.5895, 29.1931, 9.0017 by changing the saturation by 10% instead.

■ 22.5895, 29.1931,
9.0017

■ 22.5895, 29.1931,
9.0017

258.1844,
298.1250, 193.6091

■ 14.4097, 19.2269,
4.6455

■ 47.1900, 58.3837,
24.4778

■ 8.4898, 11.8344,
1.9857

■ 64.3415, 78.3770,
36.4348

■ 4.4643, 6.6310,
0.5465

■ 85.2142, 102.4815,
51.7624

■ 1.9680, 3.2324,
0.0000

■ 110.1736,
131.0815, 70.8792

■ 0.6159, 1.2542,
0.0000

■ 139.5849,
164.5614, 94.2037

■ 0.0000, 0.1054,
0.0000

173.8136,

■ 0.0000, 0.0000,

203.3057, 122.1545

0.0000

213.2250,
247.6988, 155.1501

■ 22.5895, 29.1931,
9.0017

■ 22.5895, 29.1931,
9.0017

■ 21.6496, 28.7521,
7.0352

■ 23.6738, 29.6963,
11.6176

■ 20.8411, 28.3649,
5.6592

■ 24.9101, 30.2616,
14.9315

■ 20.1515, 28.0276,
4.8073

■ 26.3081, 30.8939,
18.9893

■ 19.5637, 27.7347,
4.3222

■ 27.8757, 31.5964,
23.8327

■ 29.6205, 32.3723,
29.5002

■ 31.5495, 33.2242,
36.0277

■ 33.6693, 34.1550,
43.4490

■ 35.9862, 35.1670,
51.7962

■ 38.5061, 36.2627,
61.0998

Harmonies

Analogous

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



28.6972, 29.1931, 7.5708



22.5895, 29.1931, 9.0017



18.5223, 29.1931, 15.4057

Triad

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



22.5895, 29.1931, 9.0017



21.2004, 29.1931, 72.2957



42.4263, 29.1931, 34.5533

Complementary

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



22.5895, 29.1931, 9.0017



11.3807, 7.7312, 32.3467

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.



39.6167, 29.1931, 56.9417



22.5895, 29.1931, 9.0017



26.8183, 29.1931, 83.5603

Square

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



22.5895, 29.1931, 9.0017



17.8141, 29.1931, 50.3413



33.6356, 29.1931, 77.0491



40.8198, 29.1931, 18.4635

Rectangle

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



22.5895, 29.1931, 9.0017



17.1740, 29.1931, 23.6550



33.6356, 29.1931, 77.0491



41.9563, 29.1931, 41.5954

Sweetspot

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



22.5902, 29.1944, 9.0023



51.2042, 57.6422, 45.1224



17.7461, 13.7470, 6.2760



11.0860, 12.6030, 9.3528



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.5902, 29.1944, 9.0023



38.8294, 51.9858, 11.8744



16.6957, 26.1557, 8.7265



7.0183, 7.6421, 7.0908



16.1451, 22.8598, 3.5615



0.3228, 0.4263, 0.0653

Inverse Universe

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



11.3807, 7.7312, 32.3467



16.7322, 9.5475, 58.0877



17.0742, 10.6663, 32.6131



6.4229, 6.5065, 8.3240



5.5838, 2.3075, 26.0583



0.1332, 0.0585, 0.4675

Previews

White Background



This preview shows how the XYZ color 22.5895, 29.1931, 9.0017 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 22.5895, 29.1931, 9.0017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

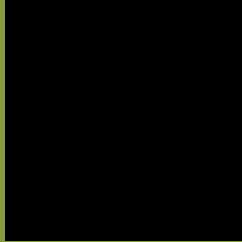
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5895, 29.1931, 9.0017

Background



This preview shows how black text looks on a background with the XYZ color 22.5895, 29.1931, 9.0017.



This preview shows how white text looks on a background with the XYZ color 22.5895, 29.1931,

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

22.5895, 29.1931, 9.0017

Protanopia

26.5330, 29.0757, 8.3514

Deuteranopia

29.6826, 29.1065, 9.3639



Tritanopia

28.1275, 29.0461, 36.4717

Trichromacy



Original Color

22.5895, 29.1931, 9.0017

Protanomaly

24.8588, 28.9112, 8.5452

Deuteranomaly

26.7501, 28.9388, 9.1769

Tritanomaly

25.4660, 28.9055, 22.9760

Monochromacy



Original Color

22.5895, 29.1931, 9.0017

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.3112, 26.7169, 18.9672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5895, 29.1931, 9.0017 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(134, 156, 62)` looks like.

```
.text, #text, p{  
    color:rgb(134, 156, 62)  
}
```

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(134, 156, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 156, 62) }
```

Border

The CSS property to change the border of an element to XYZ 22.5895, 29.1931, 9.0017 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(134, 156, 62) }
```


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

```
.border{ border-color:rgb(134, 156, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 156, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 156, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 156, 62);  
box-shadow:4px 4px 4px 4px rgb(134, 156,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5895, 29.1931, 9.0017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 156, 62) }
```

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

```
.background{ background-color: rgb(134,  
156, 62) }
```

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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