

Converting Colors

XYZ(18.2767, 22.1067, 29.8193)

Have a look what the booklet for
XYZ(18.2767, 22.1067, 29.8193)
contains.

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Color

**XYZ(18.2941, 22.1291,
29.6927)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8990
RGB	91, 137, 144
RGB Percent	36%, 54%, 56%
CMY	0.6431, 0.4627, 0.4353
CMYK	0.37, 0.05, 0.00, 0.44
HSL	188°, 23%, 46%
HSV	188°, 37%, 56%
XYZ	18.2941, 22.1291, 29.6927
YIQ	124.0440, -29.6630, -7.5750

Conversions

Conversions Part 2

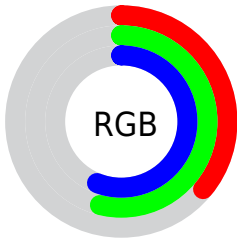
Format	Color
R_{YB}	91, 116, 144
Decimal	5998992
CIE _{Lab}	54.16, -13.74, -8.72
CIE _{LCh}	54, 16.278, 212.408
Yxy	22.1291, 0.2609, 0.3156
Android (android.graphics.Color)	4284189072 (0xFF5B8990)
YUV	124.0440, 9.8383, -28.9796
Hunter-Lab	47.0416, -12.9055, -4.4948

Details

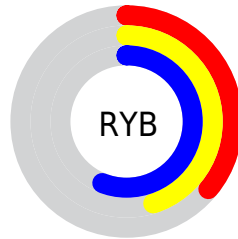
The XYZ color **18.2941, 22.1291, 29.6927** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7580, 15.4203, 11.9385**, and the grayscale version is **19.1487, 20.1459, 21.9389**.

A 20% lighter version of the original color is **39.9342, 46.7438, 60.3438**, and **6.3036, 8.0757, 11.8162** is the 20% darker color. If you saturate the color by 10%, you get **16.7408, 20.9311, 29.5437**, and if you desaturate by 10%, it is **20.1259, 23.4788, 29.8571**.

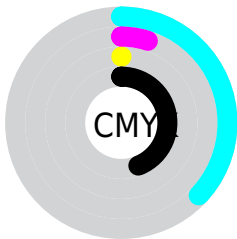
Distribution



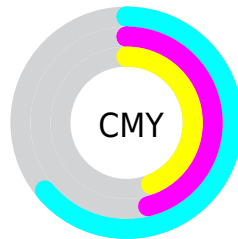
- Red (36%)
- Green (54%)
- Blue (56%)



- Red (36%)
- Yellow (45%)
- Blue (56%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (44%)



- Cyan (64%)
- Magenta (46%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2941, 22.1291, 29.6927 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 18.2941, 22.1291, 29.6927 by changing the saturation by 10% instead.

■ 18.2941, 22.1291,
29.6927

■ 18.2941, 22.1291,
29.6927

235.5372,
263.2197, 314.6320

■ 11.2623, 13.9518,
19.3554

■ 40.0640, 46.9593,
60.2311

■ 6.3121, 8.0871,
11.7479

■ 55.5328, 64.3809,
81.2693

■ 3.0783, 4.1508,
6.4518

■ 74.5447, 85.6528,
106.7115

■ 1.1953, 1.7582,
3.0485

■ 97.4649, 111.1594,
136.9763

■ 0.1026, 0.4609,
1.1195

124.6590,
141.2849, 172.4822

■ 0.0000, 0.0000,
0.0000

156.4921,

176.4139, 213.6478

193.3298,
216.9307, 260.8915

■ 18.2941, 22.1291,
29.6927

■ 18.2941, 22.1291,
29.6927

■ 16.7408, 20.9311,
29.5437

■ 20.1259, 23.4788,
29.8571

■ 15.4483, 19.8741,
29.4078

■ 22.2487, 24.9851,
30.0359

■ 14.4001, 18.9500,
29.2847

■ 24.6765, 26.6557,
30.2304

■ 13.5769, 18.1488,
29.1734

■ 27.4219, 28.4973,
30.4412

■ 12.9562, 17.4591,
29.0730

■ 30.4967, 30.5159,
30.6687

■ 12.5007, 16.8613,
28.9816

■ 33.9121, 32.7173,
30.9137

■ 12.3659, 16.6773,
28.9532

■ 37.6789, 35.1072,
31.1764

■ 41.8073, 37.6908,
31.4575

■ 46.3070, 40.4732,
31.7574

Harmonies

Analogous

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



17.8190, 22.1291, 24.5058



18.2941, 22.1291, 29.6927



19.4989, 22.1291, 33.7840

Triad

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



18.2941, 22.1291, 29.6927



24.1889, 22.1291, 28.8865



20.8907, 22.1291, 15.6248

Complementary

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



18.2941, 22.1291, 29.6927



17.7580, 15.4203, 11.9385

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.



22.6456, 22.1291, 16.4617



18.2941, 22.1291, 29.6927



24.6120, 22.1291, 23.6884

Square

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



18.2941, 22.1291, 29.6927



22.9063, 22.1291, 33.2746



24.0326, 22.1291, 19.2488



19.2649, 22.1291, 16.7807

Rectangle

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



18.2941, 22.1291, 29.6927



20.5875, 22.1291, 35.0792



24.0326, 22.1291, 19.2488



21.4849, 22.1291, 15.6823

Sweetspot

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



18.2948, 22.1300, 29.6932



41.5621, 45.6746, 53.1636



16.4544, 23.0376, 14.9342



9.4139, 10.3935, 12.1822



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.2948, 22.1300, 29.6932



30.0113, 37.2995, 52.1558



15.0680, 15.6764, 28.6176



5.5004, 5.9965, 6.8963



10.7805, 14.5470, 25.2167



0.1140, 0.1609, 0.2447

Inverse Universe

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



19.7586, 15.2182, 25.5639



33.0318, 23.5160, 43.5280



20.5584, 21.0212, 12.8720



5.5960, 5.4989, 6.6368



13.2446, 6.4549, 17.4712



0.1321, 0.0639, 0.1960

Previews

White Background



This preview shows how the XYZ color 18.2941, 22.1291, 29.6927 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 18.2941, 22.1291, 29.6927 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

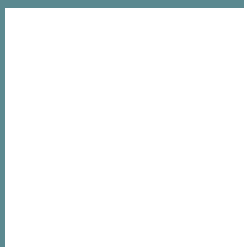
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2941, 22.1291, 29.6927

Background



This preview shows how black text looks on a background with the XYZ color 18.2941, 22.1291, 29.6927.



This preview shows how white text looks on a background with the XYZ color 18.2941, 22.1291,

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

18.2941, 22.1291, 29.6927

Protanopia

21.4326, 21.9696, 27.5370

Deuteranopia

22.3220, 21.9836, 30.2609



Tritanopia

18.4843, 21.9902, 30.8741

Trichromacy



Original Color

18.2941, 22.1291, 29.6927

Protanomaly

19.9942, 21.8005, 28.3534

Deuteranomaly

20.5647, 21.8611, 29.9238

Tritanomaly

18.4061, 21.9590, 30.4625

Monochromacy



Original Color

18.2941, 22.1291, 29.6927

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.6291, 20.7840, 24.5026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2941, 22.1291, 29.6927 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(91, 137, 144)` looks like.

```
.text, #text, p{  
    color:rgb(91, 137, 144)  
}
```

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(91, 137, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 137, 144) }
```

Border

The CSS property to change the border of an element to XYZ 18.2941, 22.1291, 29.6927 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(91, 137, 144) }
```


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

```
.border{ border-color:rgb(91, 137, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 137, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 137, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 137, 144);  
box-shadow:4px 4px 4px 4px rgb(91, 137,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2941, 22.1291, 29.6927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 137, 144) }
```

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

```
.background{ background-color: rgb(91, 137,  
144) }
```

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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