

Converting Colors

XYZ(19.2609, 21.7315, 27.2573)

Have a look what the booklet for
XYZ(19.2609, 21.7315, 27.2573)
contains.

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Color

**XYZ(19.1454, 21.5887,
27.2027)**

Conversions

Conversions Part 1

Format	Color
Hex	6D848A
RGB	109, 132, 138
RGB Percent	43%, 52%, 54%
CMY	0.5725, 0.4823, 0.4588
CMYK	0.21, 0.04, 0.00, 0.46
HSL	192°, 12%, 48%
HSV	192°, 21%, 54%
XYZ	19.1454, 21.5887, 27.2027
YIQ	125.8070, -15.6340, -3.0100

Conversions

Conversions Part 2

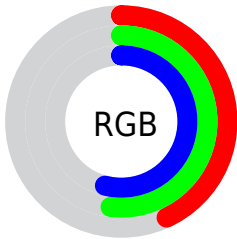
Format	Color
R_{YB}	109, 122, 138
Decimal	7177354
CIE _{Lab}	53.59, -6.85, -5.99
CIE _{LCh}	54, 9.097, 221.144
Yxy	21.5887, 0.2818, 0.3178
Android (android.graphics.Color)	4285367434 (0xFF6D848A)
YUV	125.8070, 6.0111, -14.7397
Hunter-Lab	46.4636, -7.7602, -2.1875

Details

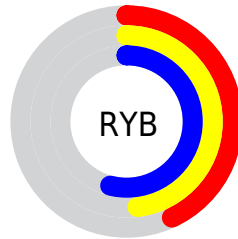
The XYZ color **19.1454, 21.5887, 27.2027** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.3725, 18.7690, 17.0703**, and the grayscale version is **19.7502, 20.7788, 22.6281**.

A 20% lighter version of the original color is **41.4509, 46.0366, 55.9915**, and **6.7792, 7.8832, 10.3968** is the 20% darker color. If you saturate the color by 10%, you get **17.1976, 20.0183, 27.0026**, and if you desaturate by 10%, it is **21.3716, 23.3195, 27.4198**.

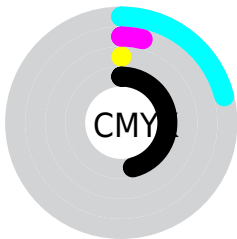
Distribution



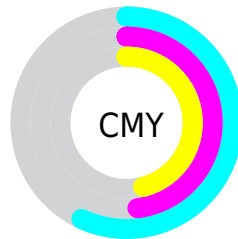
- Red (43%)
- Green (52%)
- Blue (54%)



- Red (43%)
- Yellow (48%)
- Blue (54%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (46%)



- Cyan (57%)
- Magenta (48%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1454, 21.5887, 27.2027 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 19.1454, 21.5887, 27.2027 by changing the saturation by 10% instead.

■ 19.1454, 21.5887,
27.2027

■ 19.1454, 21.5887,
27.2027

240.1730,
260.3908, 302.4284

■ 11.8800, 13.5550,
17.4917

■ 41.4946, 46.0653,
56.2167

■ 6.7336, 7.8118,
10.4201

■ 57.3092, 63.2769,
76.3567

■ 3.3409, 3.9748,
5.5691

■ 76.7042, 84.3167,
100.8102

■ 1.3365, 1.6595,
2.5204

■ 100.0449,
109.5689, 129.9957

■ 0.2103, 0.3972,
0.8509

127.6968,
139.4180, 164.3317

■ 0.0000, 0.0000,
0.0000

160.0253,

174.2485, 204.2368

197.3955,
214.4446, 250.1295

■ 19.1454, 21.5887,
27.2027

■ 19.1454, 21.5887,
27.2027

■ 17.1976, 20.0183,
27.0026

■ 21.3716, 23.3195,
27.4198

■ 15.5139, 18.5991,
26.8174

■ 23.8861, 25.2141,
27.6530

■ 14.0813, 17.3248,
26.6470

■ 26.7003, 27.2792,
27.9032

■ 12.8852, 16.1879,
26.4905

■ 29.8248, 29.5204,
28.1712

■ 11.9094, 15.1796,
26.3474

■ 33.2694, 31.9429,
28.4572

■ 11.1353, 14.2905,
26.2165

■ 37.0436, 34.5515,
28.7618

■ 10.5414, 13.5092,
26.0970

■ 41.1565, 37.3512,
29.0854

■ 10.1050, 12.8700,
25.9966

■ 45.6166, 40.3464,
29.4285

■ 50.4325, 43.5417,
29.7914

Harmonies

Analogous

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



18.7417, 21.5887, 24.5550



19.1454, 21.5887, 27.2027



19.9220, 21.5887, 28.9379

Triad

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



19.1454, 21.5887, 27.2027



22.3373, 21.5887, 25.2771



20.1607, 21.5887, 18.6411

Complementary

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



19.1454, 21.5887, 27.2027



19.3725, 18.7690, 17.0703

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.



21.1287, 21.5887, 18.8011



19.1454, 21.5887, 27.2027



22.4061, 21.5887, 22.4881

Square

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



19.1454, 21.5887, 27.2027



21.7724, 21.5887, 27.7670



21.9576, 21.5887, 20.1611



19.3154, 21.5887, 19.7056

Rectangle

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



19.1454, 21.5887, 27.2027



20.5567, 21.5887, 29.2675



21.9576, 21.5887, 20.1611



20.4822, 21.5887, 18.5558

Sweetspot

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



19.1460, 21.5896, 27.2032



39.7712, 42.6987, 48.5287



18.4786, 22.6618, 19.5601



8.8674, 9.5371, 10.8798



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.1460, 21.5896, 27.2032



32.1360, 36.7689, 47.7865



17.3378, 17.9730, 26.6004



5.0865, 5.5159, 6.4024



9.2752, 11.8208, 23.8385



0.0718, 0.0990, 0.1618

Inverse Universe

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



20.1153, 18.0070, 24.2463



34.1697, 29.4146, 41.5457



21.1318, 22.2875, 17.6567



5.1903, 5.1116, 6.0905



12.1685, 5.9775, 13.9236



0.0860, 0.0418, 0.1197

Previews

White Background



This preview shows how the XYZ color 19.1454, 21.5887, 27.2027 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 19.1454, 21.5887, 27.2027 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

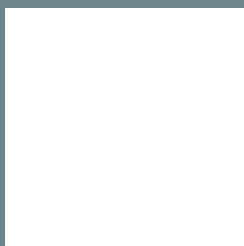
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1454, 21.5887, 27.2027

Background



This preview shows how black text looks on a background with the XYZ color 19.1454, 21.5887, 27.2027.



This preview shows how white text looks on a background with the XYZ color 19.1454, 21.5887,

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

19.1454, 21.5887, 27.2027

Protanopia

20.8646, 21.5172, 25.9752

Deuteranopia

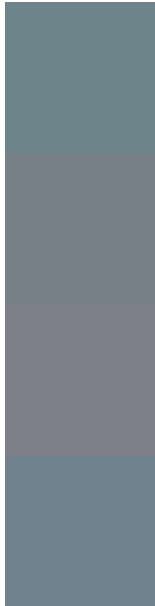
21.9329, 21.4596, 27.7971



Tritanopia

19.4292, 21.5006, 28.7172

Trichromacy



Original Color

19.1454, 21.5887, 27.2027

Protanomaly

20.1793, 21.5430, 26.3872

Deuteranomaly

20.8538, 21.4784, 27.4727

Tritanomaly

19.3544, 21.4707, 28.3235

Monochromacy



Original Color

19.1454, 21.5887, 27.2027

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.4942, 21.0431, 24.1534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1454, 21.5887, 27.2027 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(109, 132, 138)` looks like.

```
.text, #text, p{  
    color:rgb(109, 132, 138)  
}
```

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(109, 132, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 132, 138) }
```

Border

The CSS property to change the border of an element to XYZ 19.1454, 21.5887, 27.2027 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(109, 132, 138) }
```


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

```
.border{ border-color:rgb(109, 132, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 132, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 132, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 132, 138);  
box-shadow:4px 4px 4px 4px rgb(109, 132,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1454, 21.5887, 27.2027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 132, 138) }
```

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

```
.background{ background-color: rgb(109,  
132, 138) }
```

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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