

Converting Colors

XYZ(19.7329, 21.8041, 29.0515)

Have a look what the booklet for
XYZ(19.7329, 21.8041, 29.0515)
contains.

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Color

**XYZ(19.7647, 21.8652,
29.1653)**

Conversions

Conversions Part 1

Format	Color
Hex	6F848F
RGB	111, 132, 143
RGB Percent	44%, 52%, 56%
CMY	0.5647, 0.4823, 0.4392
CMYK	0.22, 0.08, 0.00, 0.44
HSL	201°, 13%, 50%
HSV	201°, 22%, 56%
XYZ	19.7647, 21.8652, 29.1653
YIQ	126.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

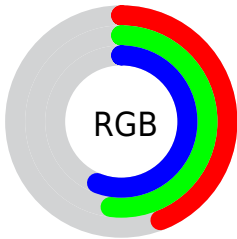
Format	Color
R_{YB}	111, 124, 143
Decimal	7308431
CIE _{Lab}	53.88, -5.00, -8.43
CIE _{LCh}	54, 9.804, 239.347
Yxy	21.8652, 0.2792, 0.3089
Android (android.graphics.Color)	4285498511 (0xFF6F848F)
YUV	126.9750, 7.9003, -14.0101
Hunter-Lab	46.7602, -6.3817, -4.2482

Details

The XYZ color **19.7647, 21.8652, 29.1653** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.1566, 20.9064, 17.9596**, and the grayscale version is **20.1424, 21.1914, 23.0774**.

A 20% lighter version of the original color is **42.5313, 46.5157, 59.5601**, and **7.0556, 8.0010, 11.5284** is the 20% darker color. If you saturate the color by 10%, you get **17.4567, 19.7097, 28.8712**, and if you desaturate by 10%, it is **22.3935, 24.2338, 29.4843**.

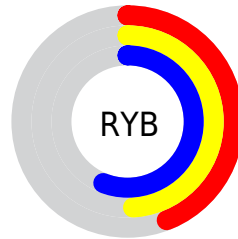
Distribution



Red (44%)

Green (52%)

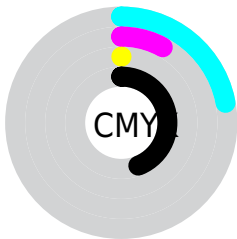
Blue (56%)



Red (44%)

Yellow (49%)

Blue (56%)

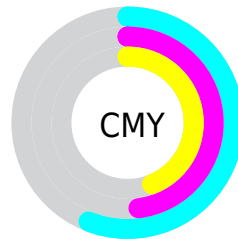


Cyan (22%)

Magenta (8%)

Yellow (0%)

Black (44%)



Cyan (56%)

Magenta (48%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7647, 21.8652, 29.1653 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 19.7647, 21.8652, 29.1653 by changing the saturation by 10% instead.

■ 19.7647, 21.8652,
29.1653

■ 19.7647, 21.8652,
29.1653

243.4964,
261.8415, 312.0794

■ 12.3314, 13.7579,
18.9593

■ 42.5293, 46.5231,
59.3849

■ 7.0436, 7.9525,
11.4643

■ 58.5913, 63.8425,
80.2356

■ 3.5359, 4.0645,
6.2620

■ 78.2602, 85.0013,
105.4715

■ 1.4431, 1.7097,
2.9337

■ 101.9014,
110.3840, 135.5113

■ 0.2866, 0.4299,
1.0609

129.8803,
140.3750, 170.7734

■ 0.0000, 0.0000,
0.0000

162.5622,

175.3587, 211.6765

200.3124,
215.7194, 258.6389

■ 19.7647, 21.8652,
29.1653

■ 19.7647, 21.8652,
29.1653

■ 17.4567, 19.7097,
28.8712

■ 22.3935, 24.2338,
29.4843

■ 15.4535, 17.7567,
28.5999

■ 25.3543, 26.8203,
29.8275

■ 13.7404, 15.9986,
28.3508

■ 28.6602, 29.6325,
30.1961

■ 12.3008, 14.4262,
28.1232

■ 32.3229, 32.6772,
30.5907

■ 11.1163, 13.0294,
27.9160

■ 36.3537, 35.9606,
31.0120

■ 10.1659, 11.7965,
27.7281

■ 40.7631, 39.4888,
31.4606

■ 9.4249, 10.7142,
27.5583

■ 45.5615, 43.2677,
31.9371

■ 8.9476, 9.9624,
27.4383

■ 50.7586, 47.3029,
32.4421

■ 56.3639, 51.5999,
32.9760

Harmonies

Analogous

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



19.0631, 21.8652, 26.7709



19.7647, 21.8652, 29.1653



20.7591, 21.8652, 30.1045

Triad

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



19.7647, 21.8652, 29.1653



22.8781, 21.8652, 23.8737



19.8034, 21.8652, 19.0924

Complementary

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



19.7647, 21.8652, 29.1653



21.1566, 20.9064, 17.9596

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.



20.8053, 21.8652, 18.4562



19.7647, 21.8652, 29.1653



22.6017, 21.8652, 21.0712

Square

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



19.7647, 21.8652, 29.1653



22.5773, 21.8652, 26.8951



21.8341, 21.8652, 19.1496



19.0849, 21.8652, 20.9657

Rectangle

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



19.7647, 21.8652, 29.1653



21.4618, 21.8652, 29.7228



21.8341, 21.8652, 19.1496



20.1171, 21.8652, 18.7342

Sweetspot

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



19.7654, 21.8661, 29.1658



42.7997, 45.7709, 53.1169



19.8706, 24.4217, 21.9712



9.7542, 10.4432, 12.1738



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.



19.7654, 21.8661, 29.1658



33.1792, 37.1063, 51.9515



17.7977, 17.9308, 28.5099



5.4063, 5.8084, 6.8650



7.9312, 8.8484, 24.2670



0.0964, 0.1258, 0.2389

Inverse Universe

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



21.1775, 18.8749, 24.3579



36.2245, 30.8950, 41.5291



23.2380, 25.0692, 18.6534



5.5486, 5.4800, 6.3867



11.8064, 5.8796, 9.8978



0.1233, 0.0604, 0.1493

Previews

White Background



This preview shows how the XYZ color 19.7647, 21.8652, 29.1653 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 19.7647, 21.8652, 29.1653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

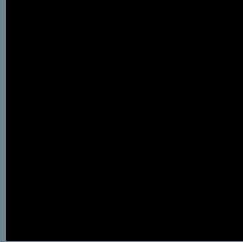
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

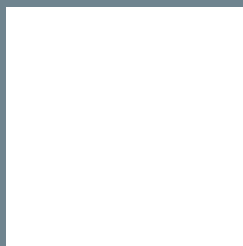
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7647, 21.8652, 29.1653

Background



This preview shows how black text looks on a background with the XYZ color 19.7647, 21.8652, 29.1653.



This preview shows how white text looks on a background with the XYZ color 19.7647, 21.8652,

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

19.7647, 21.8652, 29.1653

Protanopia

21.2052, 21.8438, 27.9096

Deuteranopia

22.1992, 21.7492, 29.4135



Tritanopia

19.7647, 21.8652, 29.1653

Trichromacy



Original Color

19.7647, 21.8652, 29.1653

Protanomaly

20.5431, 21.6885, 28.3029

Deuteranomaly

21.3574, 21.8876, 29.4846

Tritanomaly

19.7647, 21.8652, 29.1653

Monochromacy



Original Color

19.7647, 21.8652, 29.1653

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.9691, 21.4589, 25.2798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7647, 21.8652, 29.1653 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(111, 132, 143)` looks like.

```
.text, #text, p{  
    color:rgb(111, 132, 143)  
}
```

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(111, 132, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 132, 143) }
```

Border

The CSS property to change the border of an element to XYZ 19.7647, 21.8652, 29.1653 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(111, 132, 143) }
```


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

```
.border{ border-color:rgb(111, 132, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 132, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 132, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 132, 143);  
box-shadow:4px 4px 4px 4px rgb(111, 132,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7647, 21.8652, 29.1653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 132, 143) }
```

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

```
.background{ background-color: rgb(111,  
132, 143) }
```

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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