

Converting Colors

XYZ(19.2652, 27.9654, 21.2121)

Have a look what the booklet for
XYZ(19.2652, 27.9654, 21.2121)
contains.

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Color

**XYZ(19.2652, 27.9654,
21.2121)**

Conversions

Conversions Part 1

Format	Color
Hex	549F75
RGB	84, 159, 117
RGB Percent	33%, 62%, 46%
CMY	0.6706, 0.3765, 0.5412
CMYK	0.47, 0.00, 0.26, 0.38
HSL	146°, 31%, 48%
HSV	146°, 47%, 62%
XYZ	19.2652, 27.9654, 21.2121
YIQ	131.7870, -31.2180, -28.9620

Conversions

Conversions Part 2

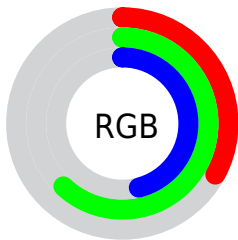
Format	Color
RYB	84, 136, 159
Decimal	5545845
CIELab	59.86, -33.26, 14.85
CIElCh	60, 36.428, 155.946
Yxy	27.9654, 0.2815, 0.4086
Android (android.graphics.Color)	4283735925 (0xFF549F75)
YUV	131.7870, -7.2900, -41.9092
Hunter-Lab	52.8823, -27.5159, 13.2353

Details

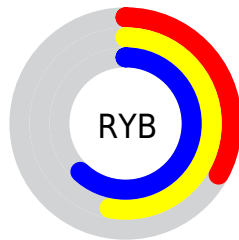
The XYZ color **19.2652, 27.9654, 21.2121** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.2352, 15.2187, 21.5581**, and the grayscale version is **21.8895, 23.0295, 25.0791**.

A 20% lighter version of the original color is **41.6892, 56.3610, 46.2176**, and **6.8108, 11.1919, 7.4315** is the 20% darker color. If you saturate the color by 10%, you get **17.5016, 27.1146, 18.5257**, and if you desaturate by 10%, it is **21.4032, 29.0049, 24.1773**.

Distribution



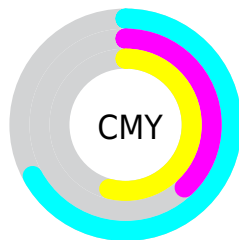
- Red (33%)
- Green (62%)
- Blue (46%)



- Red (33%)
- Yellow (53%)
- Blue (62%)



- Cyan (47%)
- Magenta (0%)
- Yellow (26%)
- Black (38%)



- Cyan (67%)
- Magenta (38%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2652, 27.9654, 21.2121 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 19.2652, 27.9654, 21.2121 by changing the saturation by 10% instead.

■ 19.2652, 27.9654,
21.2121

■ 19.2652, 27.9654,
21.2121

240.8190,
292.3015, 271.2215

■ 11.9672, 18.2996,
13.0864

■ 41.6952, 56.4292,
46.3256

■ 6.7934, 11.1653,
7.3566

■ 57.5578, 75.9960,
64.1505

■ 3.3784, 6.1781,
3.6043

■ 77.0061, 99.6318,
86.0455

■ 1.3569, 2.9537,
1.4109

■ 100.4054,
127.7212, 112.4292

■ 0.2252, 1.1076,
0.1502

■ 128.1209,
160.6485, 143.7201

■ 0.0000, 0.0000,
0.0000

160.5181,

198.7980, 180.3368

197.9624,
242.5542, 222.6977

■ 19.2652, 27.9654,
21.2121

■ 19.2652, 27.9654,
21.2121

■ 17.5016, 27.1146,
18.5257

■ 21.4032, 29.0049,
24.1773

■ 16.0866, 26.4372,
16.1078

■ 23.9347, 30.2407,
27.4272

■ 14.9945, 25.9209,
13.9503


■ 26.8802, 31.6838,
30.9702


■ 14.1950, 25.5501,
12.0438


■ 30.2581, 33.3435,
34.8134

■ 13.6404, 25.3004,
10.3778


■ 34.0855, 35.2287,
38.9640

 13.5028, 25.2389,
9.9475

 38.3788, 37.3476,
43.4287

 43.1533, 39.7080,
48.2141

 48.4238, 42.3174,
53.3265

 54.2044, 45.1828,
58.7722

Harmonies

Analogous

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



21.6988, 27.9654, 14.1474



19.2652, 27.9654, 21.2121



18.6872, 27.9654, 33.1622

Triad

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



19.2652, 27.9654, 21.2121



27.5113, 27.9654, 63.4129



34.4405, 27.9654, 17.8229

Complementary

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



19.2652, 27.9654, 21.2121



21.2352, 15.2187, 21.5581

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.



36.4316, 27.9654, 27.8891



19.2652, 27.9654, 21.2121



32.1438, 27.9654, 56.0405

Square

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



19.2652, 27.9654, 21.2121



23.1212, 27.9654, 60.0929



35.5460, 27.9654, 42.0415



30.3682, 27.9654, 12.6244

Rectangle

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



19.2652, 27.9654, 21.2121



19.3655, 27.9654, 42.9932



35.5460, 27.9654, 42.0415



35.3956, 27.9654, 20.6191

Sweetspot

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



19.2659, 27.9665, 21.2127



49.8132, 57.5628, 57.4048



22.6774, 29.9113, 12.9662



10.9628, 12.8461, 12.6323



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.2659, 27.9665, 21.2127



31.0855, 48.4344, 32.7608



21.8879, 29.0153, 35.0200



6.6659, 7.4471, 7.6753



10.6849, 19.9419, 7.9638



0.2120, 0.3649, 0.2526

Inverse Universe

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



21.2352, 15.2187, 21.5581



35.0590, 22.6731, 33.4284



19.2724, 14.4335, 11.2219



6.7808, 6.7052, 7.6966



12.7400, 6.4005, 8.1475



0.2489, 0.1229, 0.2566

Previews

White Background



This preview shows how the XYZ color 19.2652, 27.9654, 21.2121 looks on a white background.

Color Contrast Check

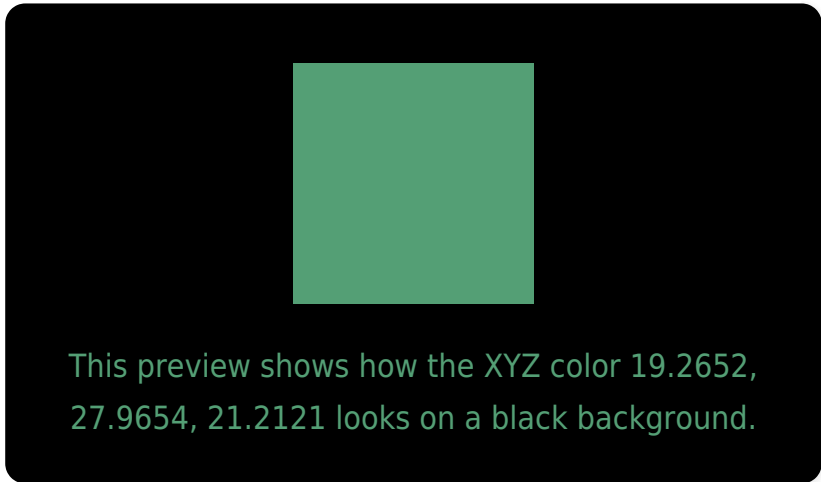
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 19.2652, 27.9654, 21.2121

Background



This preview shows how black text looks on a background with the XYZ color 19.2652, 27.9654, 21.2121.



This preview shows how white text looks on a background with the XYZ color 19.2652, 27.9654,

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

19.2652, 27.9654, 21.2121

Protanopia

25.7738, 27.5430, 18.7098

Deuteranopia

28.1184, 27.5814, 22.2541



Tritanopia

23.0066, 27.9859, 39.7865

Trichromacy



Original Color

19.2652, 27.9654, 21.2121

Protanomaly

22.6302, 27.2763, 19.6949

Deuteranomaly

23.8224, 27.1481, 21.7538

Tritanomaly

21.4803, 27.8561, 32.2616

Monochromacy



Original Color

19.2652, 27.9654, 21.2121

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.5740, 24.5231, 23.7277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2652, 27.9654, 21.2121 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(84, 159, 117)` looks like.

```
.text, #text, p{  
    color:rgb(84, 159, 117)  
}
```

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(84, 159, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 159, 117) }
```

Border

The CSS property to change the border of an element to XYZ 19.2652, 27.9654, 21.2121 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(84, 159, 117) }
```


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

```
.border{ border-color:rgb(84, 159, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 159, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 159, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 159, 117);  
box-shadow:4px 4px 4px 4px rgb(84, 159,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2652, 27.9654, 21.2121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 159, 117) }
```

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

```
.background{ background-color: rgb(84, 159,  
117) }
```

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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