

Converting Colors

XYZ(18.9587, 21.1587, 27.4627)

Have a look what the booklet for
XYZ(18.9587, 21.1587, 27.4627)
contains.

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Color

**XYZ(18.9495, 21.0806,
27.4963)**

Conversions

Conversions Part 1

Format	Color
Hex	6D828B
RGB	109, 130, 139
RGB Percent	43%, 51%, 55%
CMY	0.5725, 0.4902, 0.4549
CMYK	0.22, 0.06, 0.00, 0.45
HSL	198°, 12%, 49%
HSV	198°, 22%, 55%
XYZ	18.9495, 21.0806, 27.4963
YIQ	124.7470, -15.4050, -1.6530

Conversions

Conversions Part 2

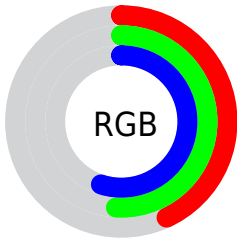
Format	Color
R_{YB}	109, 121, 139
Decimal	7176843
CIE Lab	53.04, -5.48, -7.39
CIE LCh	53, 9.197, 233.417
Yxy	21.0806, 0.2806, 0.3122
Android (android.graphics.Color)	4285366923 (0xFF6D828B)
YUV	124.7470, 7.0267, -13.8101
Hunter-Lab	45.9136, -6.6782, -3.3675

Details

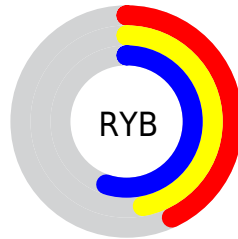
The XYZ color **18.9495, 21.0806, 27.4963** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.8863, 19.5499, 17.1937**, and the grayscale version is **19.3893, 20.3991, 22.2146**.

A 20% lighter version of the original color is **41.1459, 45.2498, 56.4346**, and **6.6701, 7.5982, 10.5662** is the 20% darker color. If you saturate the color by 10%, you get **16.8297, 19.1817, 27.2418**, and if you desaturate by 10%, it is **21.3634, 23.1656, 27.7719**.

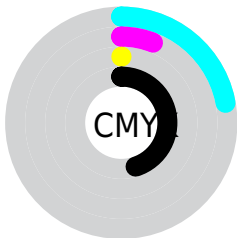
Distribution



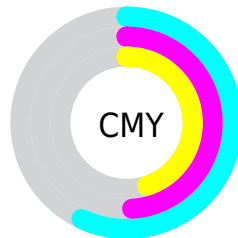
- Red (43%)
- Green (51%)
- Blue (55%)



- Red (43%)
- Yellow (47%)
- Blue (55%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (45%)



- Cyan (57%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9495, 21.0806, 27.4963 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 18.9495, 21.0806, 27.4963 by changing the saturation by 10% instead.

■ 18.9495, 21.0806,
27.4963

■ 18.9495, 21.0806,
27.4963

239.1133,
257.7065, 303.8880

■ 11.7376, 13.1829,
17.7106

■ 41.1663, 45.2216,
56.6926

■ 6.6362, 7.5546,
10.5751

■ 56.9019, 62.2338,
76.9403

■ 3.2799, 3.8113,
5.6714

■ 76.2094, 83.0529,
101.5124

■ 1.3035, 1.5686,
2.5808

■ 99.4542, 108.0634,
130.8275

■ 0.1858, 0.3363,
0.8825

127.0016,
137.6496, 165.3040

■ 0.0000, 0.0000,
0.0000

159.2170,

172.1959, 205.3606

196.4658,
212.0867, 251.4157

■ 18.9495, 21.0806,
27.4963

■ 18.9495, 21.0806,
27.4963

■ 16.8297, 19.1817,
27.2418

■ 21.3634, 23.1656,
27.7719

■ 14.9893, 17.4592,
27.0064

■ 24.0818, 25.4407,
28.0677

■ 13.4149, 15.9065,
26.7896

■ 27.1165, 27.9131,
28.3850

■ 12.0913, 14.5152,
26.5909

■ 30.4785, 30.5886,
28.7242

■ 11.0015, 13.2762,
26.4092

■ 34.1779, 33.4730,
29.0860

■ 10.1265, 12.1793,
26.2435

■ 38.2246, 36.5716,
29.4708

■ 9.4439, 11.2125,
26.0929

■ 42.6280, 39.8897,
29.8792

■ 8.9637, 10.4709,
25.9751

■ 47.3971, 43.4322,
30.3116

■ 52.5405, 47.2039,
30.7685

Harmonies

Analogous

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



18.3795, 21.0806, 25.1334



18.9495, 21.0806, 27.4963



19.8242, 21.0806, 28.6550

Triad

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



18.9495, 21.0806, 27.4963



21.9393, 21.0806, 23.5686



19.3072, 21.0806, 18.4087

Complementary

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



18.9495, 21.0806, 27.4963



19.8863, 19.5499, 17.1937

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.



20.2502, 21.0806, 18.0629



18.9495, 21.0806, 27.4963



21.7901, 21.0806, 20.9029

Square

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



18.9495, 21.0806, 27.4963



21.5657, 21.0806, 26.2725



21.1642, 21.0806, 18.9403



18.5814, 21.0806, 19.9259

Rectangle

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



18.9495, 21.0806, 27.4963



20.4707, 21.0806, 28.5274



21.1642, 21.0806, 18.9403



19.6085, 21.0806, 18.1569

Sweetspot

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



18.9501, 21.0815, 27.4968



40.8426, 43.6632, 50.0182



18.7800, 23.0130, 20.4367



9.3488, 10.0089, 11.5186



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.9501, 21.0815, 27.4968



31.9796, 36.0170, 49.0094



17.1551, 17.4915, 26.8984



5.0483, 5.4396, 6.3897



8.1054, 9.4811, 23.4485



0.0667, 0.0887, 0.1601

Inverse Universe

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



20.1458, 18.0384, 23.5401



34.5584, 29.6611, 40.4297



21.7274, 23.2319, 17.8074



5.1710, 5.1038, 5.9890



11.5780, 5.7413, 10.8142



0.0834, 0.0407, 0.1060

Previews

White Background



This preview shows how the XYZ color 18.9495, 21.0806, 27.4963 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 18.9495, 21.0806, 27.4963 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

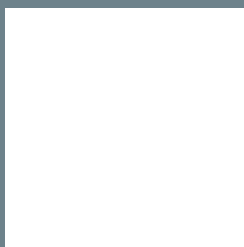
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9495, 21.0806, 27.4963

Background



This preview shows how black text looks on a background with the XYZ color 18.9495, 21.0806, 27.4963.



This preview shows how white text looks on a background with the XYZ color 18.9495, 21.0806,

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

18.9495, 21.0806, 27.4963

Protanopia

20.5090, 21.1349, 26.2911

Deuteranopia

21.3323, 20.9649, 27.7332



Tritanopia

19.0229, 21.1099, 27.8829

Trichromacy



Original Color

18.9495, 21.0806, 27.4963

Protanomaly

19.8505, 20.9780, 26.6698

Deuteranomaly

20.5067, 21.1002, 27.8029

Tritanomaly

19.0229, 21.1099, 27.8829

Monochromacy



Original Color

18.9495, 21.0806, 27.4963

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.2264, 20.7124, 24.1036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9495, 21.0806, 27.4963 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, 130, 139)` looks like.

```
.text, #text, p{  
    color:rgb(109, 130, 139)  
}
```

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, 130, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 130, 139) }
```

Border

The CSS property to change the border of an element to XYZ 18.9495, 21.0806, 27.4963 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, 130, 139) }
```


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

```
.border{ border-color:rgb(109, 130, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 130, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 130, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 130, 139);  
box-shadow:4px 4px 4px 4px rgb(109, 130,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9495, 21.0806, 27.4963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 130, 139) }
```

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

```
.background{ background-color: rgb(109,  
130, 139) }
```

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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