

Converting Colors

XYZ(19.5215, 21.8189, 26.1597)

Have a look what the booklet for
XYZ(19.5215, 21.8189, 26.1597)
contains.

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Color

**XYZ(19.5639, 21.8292,
26.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	728487
RGB	114, 132, 135
RGB Percent	45%, 52%, 53%
CMY	0.5529, 0.4823, 0.4706
CMYK	0.16, 0.02, 0.00, 0.47
HSL	189°, 8%, 49%
HSV	189°, 16%, 53%
XYZ	19.5639, 21.8292, 26.1040
YIQ	126.9600, -11.6910, -2.8830

Conversions

Conversions Part 2

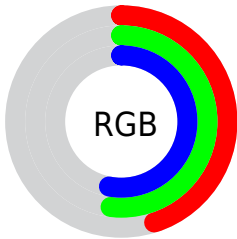
Format	Color
R_{YB}	114, 124, 135
Decimal	7505031
CIE _{Lab}	53.85, -5.84, -3.82
CIE _{LCh}	54, 6.979, 213.205
Yxy	21.8292, 0.2898, 0.3234
Android (android.graphics.Color)	4285695111 (0xFF728487)
YUV	126.9600, 3.9637, -11.3659
Hunter-Lab	46.7217, -7.0193, -0.4208

Details

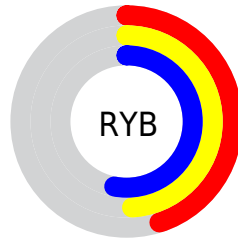
The XYZ color **19.5639, 21.8292, 26.1040** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.3905, 19.0885, 18.5825**, and the grayscale version is **20.1493, 21.1986, 23.0853**.

A 20% lighter version of the original color is **42.1519, 46.4358, 54.3183**, and **6.9797, 8.0006, 9.7707** is the 20% darker color. If you saturate the color by 10%, you get **17.6771, 20.4726, 25.9419**, and if you desaturate by 10%, it is **21.7160, 23.3309, 26.2808**.

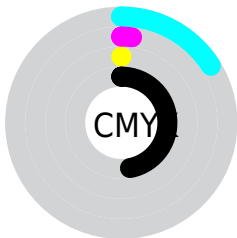
Distribution



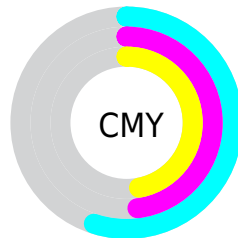
- Red (45%)
- Green (52%)
- Blue (53%)



- Red (45%)
- Yellow (49%)
- Blue (53%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (47%)



- Cyan (55%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5639, 21.8292, 26.1040 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 19.5639, 21.8292, 26.1040 by changing the saturation by 10% instead.

■ 19.5639, 21.8292,
26.1040

■ 19.5639, 21.8292,
26.1040

242.4232,
261.6530, 296.9139

■ 12.1849, 13.7315,
16.6750

■ 42.1944, 46.4635,
54.4288

■ 6.9428, 7.9341,
9.8435

■ 58.1765, 63.7689,
74.1617

■ 3.4724, 4.0528,
5.1911

■ 77.7570, 84.9123,
98.1663

■ 1.4082, 1.7032,
2.2991

■ 101.3013,
110.2781, 126.8612

■ 0.2621, 0.4257,
0.7307

129.1747,
140.2506, 160.6648

■ 0.0000, 0.0000,
0.0000

161.7426,

175.2144, 199.9958

199.3703,
215.5537, 245.2727

■ 19.5639, 21.8292,
26.1040

■ 19.5639, 21.8292,
26.1040

■ 17.6771, 20.4726,
25.9419

■ 21.7160, 23.3309,
26.2808

■ 16.0423, 19.2526,
25.7926

■ 24.1422, 24.9804,
26.4713

■ 14.6481, 18.1636,
25.6559

■ 26.8531, 26.7841,
26.6765

■ 13.4812, 17.1988,
25.5312

■ 29.8583, 28.7466,
26.8970

■ 12.5272, 16.3508,
25.4178

■ 33.1668, 30.8729,
27.1330

■ 11.7698, 15.6112,
25.3149

■ 36.7874, 33.1675,
27.3851

■ 11.1904, 14.9703,
25.2218

■ 40.7284, 35.6345,
27.6536

■ 10.7612, 14.4137,
25.1370

■ 44.9977, 38.2784,
27.9388

■ 10.5871, 14.1771,
25.1005

■ 49.6033, 41.1029,
28.2413

Harmonies

Analogous

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



19.3404, 21.8292, 24.0001



19.5639, 21.8292, 26.1040



20.1043, 21.8292, 27.6512

Triad

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



19.5639, 21.8292, 26.1040



22.0629, 21.8292, 25.6804



20.6674, 21.8292, 19.8763

Complementary

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



19.5639, 21.8292, 26.1040



19.3905, 19.0885, 18.5825

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.



21.4053, 21.8292, 20.2670



19.5639, 21.8292, 26.1040



22.2223, 21.8292, 23.5380

Square

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



19.5639, 21.8292, 26.1040



21.5483, 21.8292, 27.3965



21.9789, 21.8292, 21.5762



19.9678, 21.8292, 20.4754

Rectangle

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



19.5639, 21.8292, 26.1040



20.5777, 21.8292, 28.1125



21.9789, 21.8292, 21.5762



20.9192, 21.8292, 19.8964

Sweetspot

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



19.5645, 21.8301, 26.1045



39.0706, 41.9057, 47.0777



18.8030, 22.1854, 20.0597



8.9902, 9.6649, 10.8980



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.



19.5645, 21.8301, 26.1045



33.6726, 38.1222, 46.6319



18.2358, 19.1727, 25.6616



4.7465, 5.1686, 5.9482



9.7698, 13.0875, 23.1479



0.0377, 0.0530, 0.0815

Inverse Universe

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



20.1744, 18.8520, 24.4063



35.0112, 31.6723, 42.8847



20.6575, 21.6226, 19.0049



4.8301, 4.7517, 5.7175



12.1095, 5.9081, 15.6807



0.0439, 0.0212, 0.0646

Previews

White Background



This preview shows how the XYZ color 19.5639, 21.8292, 26.1040 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 19.5639, 21.8292, 26.1040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

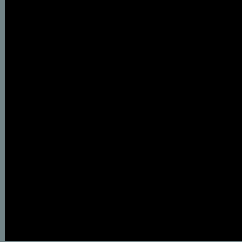
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

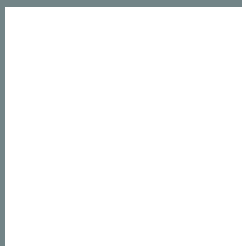
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5639, 21.8292, 26.1040

Background



This preview shows how black text looks on a background with the XYZ color 19.5639, 21.8292, 26.1040.



This preview shows how white text looks on a background with the XYZ color 19.5639, 21.8292,

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

19.5639, 21.8292, 26.1040

Protanopia

21.0900, 21.8501, 24.9357

Deuteranopia

22.0941, 21.7632, 26.3288



Tritanopia

19.9942, 21.8005, 28.3534

Trichromacy



Original Color

19.5639, 21.8292, 26.1040

Protanomaly

20.3961, 21.6791, 25.2998

Deuteranomaly

21.2164, 21.8830, 26.3982

Tritanomaly

19.8467, 21.7415, 27.5766

Monochromacy



Original Color

19.5639, 21.8292, 26.1040

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.9056, 21.4498, 24.2102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5639, 21.8292, 26.1040 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(114, 132, 135)` looks like.

```
.text, #text, p{  
    color:rgb(114, 132, 135)  
}
```

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(114, 132, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 132, 135) }
```

Border

The CSS property to change the border of an element to XYZ 19.5639, 21.8292, 26.1040 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(114, 132, 135) }
```


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

```
.border{ border-color:rgb(114, 132, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 132, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 132, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 132, 135);  
box-shadow:4px 4px 4px 4px rgb(114, 132,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5639, 21.8292, 26.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 132, 135) }
```

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

```
.background{ background-color: rgb(114,  
132, 135) }
```

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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