

Converting Colors

XYZ(19.4705, 21.4339, 29.7918)

Have a look what the booklet for
XYZ(19.4705, 21.4339, 29.7918)
contains.

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Color

**XYZ(19.5338, 21.5281,
29.9139)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8391
RGB	109, 131, 145
RGB Percent	43%, 51%, 57%
CMY	0.5725, 0.4863, 0.4314
CMYK	0.25, 0.10, 0.00, 0.43
HSL	203°, 14%, 50%
HSV	203°, 25%, 57%
XYZ	19.5338, 21.5281, 29.9139
YIQ	126.0180, -17.6060, -0.3100

Conversions

Conversions Part 2

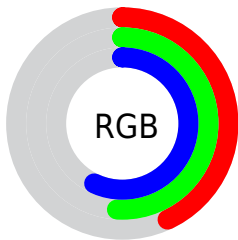
Format	Color
R _Y B	109, 123, 145
Decimal	7177105
CIE Lab	53.52, -4.60, -10.15
CIE LCh	54, 11.144, 245.618
Yxy	21.5281, 0.2752, 0.3033
Android (android.graphics.Color)	4285367185 (0xFF6D8391)
YUV	126.0180, 9.3581, -14.9248
Hunter-Lab	46.3984, -6.0484, -5.7465

Details

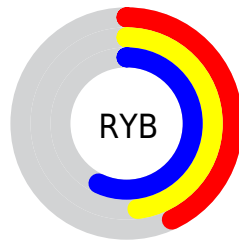
The XYZ color **19.5338, 21.5281, 29.9139** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5206, 21.2900, 17.4436**, and the grayscale version is **19.8113, 20.8430, 22.6980**.

A 20% lighter version of the original color is **42.1472, 45.9816, 60.6868**, and **6.9463, 7.8215, 11.9701** is the 20% darker color. If you saturate the color by 10%, you get **17.1584, 19.2103, 29.5921**, and if you desaturate by 10%, it is **22.2460, 24.0818, 30.2642**.

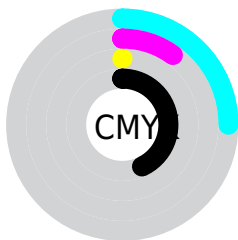
Distribution



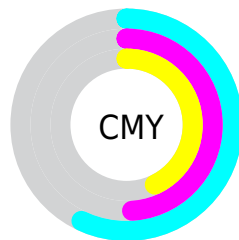
- Red (43%)
- Green (51%)
- Blue (57%)



- Red (43%)
- Yellow (48%)
- Blue (57%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)
- Black (43%)



- Cyan (57%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5338, 21.5281, 29.9139 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 19.5338, 21.5281, 29.9139 by changing the saturation by 10% instead.

■ 19.5338, 21.5281,
29.9139

■ 19.5338, 21.5281,
29.9139

242.2620,
260.0719, 315.6977

■ 12.1629, 13.5106,
19.5217

■ 42.1441, 45.9648,
60.5854

■ 6.9277, 7.7811,
11.8673

■ 58.1142, 63.1528,
81.7018

■ 3.4629, 3.9552,
6.5319

■ 77.6815, 84.1663,
107.2300

■ 1.4030, 1.6485,
3.0972

■ 101.2112,
109.3899, 137.5887

■ 0.2584, 0.3900,
1.1445

129.0687,
139.2078, 173.1962

■ 0.0000, 0.0000,
0.0000

161.6195,

174.0045, 214.4712

199.2288,
214.1644, 261.8322

■ 19.5338, 21.5281,
29.9139

■ 19.5338, 21.5281,
29.9139

■ 17.1584, 19.2103,
29.5921

■ 22.2460, 24.0818,
30.2642

■ 15.1028, 17.1170,
29.2964

■ 25.3071, 26.8771,
30.6424

■ 13.3514, 15.2397,
29.0263

■ 28.7310, 29.9224,
31.0498

■ 11.8862, 13.5682,
28.7809

■ 32.5302, 33.2251,
31.4870

■ 10.6875, 12.0913,
28.5590

■ 36.7166, 36.7923,
31.9549

■ 9.7324, 10.7961,
28.3594

■ 41.3016, 40.6306,
32.4541

■ 8.9917, 9.6665,
28.1804

■ 46.2959, 44.7465,
32.9853

■ 8.6515, 9.1255,
28.0939

■ 51.7100, 49.1462,
33.5492

■ 57.5540, 53.8357,
34.1464

Harmonies

Analogous

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



18.6616, 21.5281, 27.4580



19.5338, 21.5281, 29.9139



20.6861, 21.5281, 30.5677

Triad

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



19.5338, 21.5281, 29.9139



22.8189, 21.5281, 22.8062



19.1609, 21.5281, 18.5172

Complementary

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



19.5338, 21.5281, 29.9139



21.5206, 21.2900, 17.4436

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.



20.2391, 21.5281, 17.5173



19.5338, 21.5281, 29.9139



22.3743, 21.5281, 19.8352

Square

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



19.5338, 21.5281, 29.9139



22.6123, 21.5281, 26.2443



21.4188, 21.5281, 17.9755



18.4522, 21.5281, 20.8437

Rectangle

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



19.5338, 21.5281, 29.9139



21.4648, 21.5281, 29.8438



21.4188, 21.5281, 17.9755



19.4905, 21.5281, 18.0255

Sweetspot

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



19.5345, 21.5290, 29.9144



43.9924, 46.9319, 54.7137



19.9952, 24.9275, 22.4314



9.7248, 10.3845, 12.1641



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.



19.5345, 21.5290, 29.9144



32.4440, 36.0968, 53.2309



17.3455, 17.1510, 29.1847



5.3866, 5.7689, 6.8584



7.4462, 7.8784, 24.1053



0.0927, 0.1183, 0.2376

Inverse Universe

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



21.2430, 18.5963, 23.9434



36.1215, 30.0859, 40.3110



23.9332, 26.1151, 18.2478



5.5386, 5.4760, 6.3342



11.5616, 5.7817, 8.6087



0.1214, 0.0596, 0.1394

Previews

White Background



This preview shows how the XYZ color 19.5338, 21.5281, 29.9139 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 19.5338, 21.5281, 29.9139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

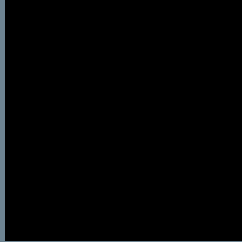
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

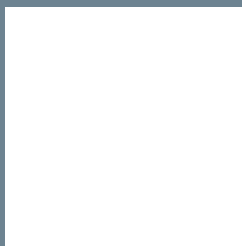
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5338, 21.5281, 29.9139

Background



This preview shows how black text looks on a background with the XYZ color 19.5338, 21.5281, 29.9139.



This preview shows how white text looks on a background with the XYZ color 19.5338, 21.5281,

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

19.5338, 21.5281, 29.9139

Protanopia

21.0760, 21.5674, 28.6433

Deuteranopia

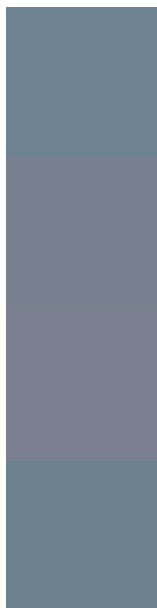
21.7560, 21.3159, 30.1618



Tritanopia

19.1831, 21.3737, 28.7057

Trichromacy



Original Color

19.5338, 21.5281, 29.9139

Protanomaly

20.4228, 21.4146, 29.0436

Deuteranomaly

20.9461, 21.4650, 30.2333

Tritanomaly

19.2586, 21.4039, 29.1029

Monochromacy



Original Color

19.5338, 21.5281, 29.9139

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.6985, 21.1249, 25.2296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5338, 21.5281, 29.9139 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, 131, 145)` looks like.

```
.text, #text, p{  
    color:rgb(109, 131, 145)  
}
```

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, 131, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 131, 145) }
```

Border

The CSS property to change the border of an element to XYZ 19.5338, 21.5281, 29.9139 is called "border". The border property can be set on classes, ids or directly on the HTML element.

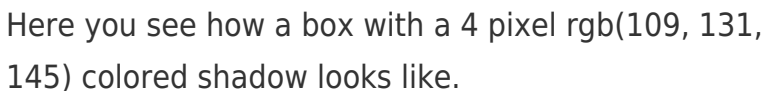
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 131, 145) }
```


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

```
.border{ border-color:rgb(109, 131, 145) }
```

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



Here you see how a box with a 4 pixel rgb(109, 131, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 131, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 131, 145); box-shadow:4px 4px 4px 4px rgb(109, 131, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5338, 21.5281, 29.9139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 131, 145) }
```

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

```
.background{ background-color: rgb(109,  
131, 145) }
```

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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