

Converting Colors

XYZ(19.6069, 21.3610, 30.0195)

Have a look what the booklet for
XYZ(19.6069, 21.3610, 30.0195)
contains.

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Color

**XYZ(19.5239, 21.3246,
29.8751)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8291
RGB	110, 130, 145
RGB Percent	43%, 51%, 57%
CMY	0.5686, 0.4902, 0.4314
CMYK	0.24, 0.10, 0.00, 0.43
HSL	206°, 14%, 50%
HSV	206°, 24%, 57%
XYZ	19.5239, 21.3246, 29.8751
YIQ	125.7300, -16.7350, 0.4250

Conversions

Conversions Part 2

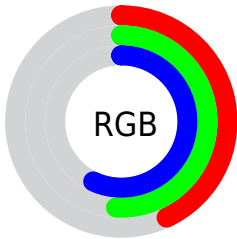
Format	Color
R_{YB}	110, 123, 145
Decimal	7242385
CIE _{Lab}	53.30, -3.70, -10.47
CIE _{LCh}	53, 11.109, 250.527
Yxy	21.3246, 0.2761, 0.3015
Android (android.graphics.Color)	4285432465 (0xFF6E8291)
YUV	125.7300, 9.5001, -13.7952
Hunter-Lab	46.1786, -5.3442, -6.0325

Details

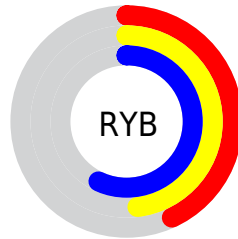
The XYZ color **19.5239, 21.3246, 29.8751** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.8254, 21.8129, 17.8124**, and the grayscale version is **19.7130, 20.7396, 22.5854**.

A 20% lighter version of the original color is **42.1426, 45.6719, 60.6272**, and **6.9325, 7.7032, 11.9480** is the 20% darker color. If you saturate the color by 10%, you get **17.0638, 18.8667, 29.5307**, and if you desaturate by 10%, it is **22.3305, 24.0363, 30.2509**.

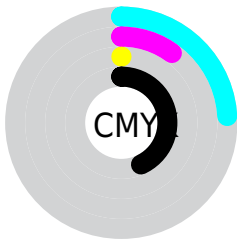
Distribution



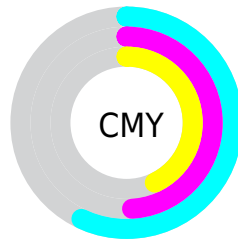
- Red (43%)
- Green (51%)
- Blue (57%)



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



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (43%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5239, 21.3246, 29.8751 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 19.5239, 21.3246, 29.8751 by changing the saturation by 10% instead.

■ 19.5239, 21.3246,
29.8751

■ 19.5239, 21.3246,
29.8751

242.2089,
258.9986, 315.5110

■ 12.1557, 13.3615,
19.4926

■ 42.1276, 45.6271,
60.5233

■ 6.9228, 7.6779,
11.8463

■ 58.0937, 62.7353,
81.6260

■ 3.4597, 3.8896,
6.5179

■ 77.6566, 83.6607,
107.1392

■ 1.4013, 1.6120,
3.0886

■ 101.1815,
108.7876, 137.4813

■ 0.2571, 0.3657,
1.1401

129.0339,
138.5004, 173.0711

■ 0.0000, 0.0000,
0.0000

161.5790,

173.1836, 214.3269

199.1822,
213.2215, 261.6674

■ 19.5239, 21.3246,
29.8751

■ 19.5239, 21.3246,
29.8751

■ 17.0638, 18.8667,
29.5307

■ 22.3305, 24.0363,
30.2509

■ 14.9329, 16.6508,
29.2153

■ 25.4959, 27.0078,
30.6577

■ 13.1156, 14.6680,
28.9284

■ 29.0340, 30.2481,
31.0966

■ 11.5938, 12.9077,
28.6688

■ 32.9575, 33.7648,
31.5686

■ 10.3475, 11.3582,
28.4354

■ 37.2786, 37.5655,
32.0745

■ 9.3541, 10.0062,
28.2268

■ 42.0086, 41.6571,
32.6149

■ 8.5857, 8.8359,
28.0414

■ 47.1586, 46.0465,
33.1908

■ 8.1937, 8.2100,
27.9412

■ 52.7391, 50.7402,
33.8026

■ 58.7605, 55.7446,
34.4512

Harmonies

Analogous

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



18.5978, 21.3246, 27.6863



19.5239, 21.3246, 29.8751



20.6843, 21.3246, 30.1854

Triad

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



19.5239, 21.3246, 29.8751



22.5738, 21.3246, 22.0557



18.8343, 21.3246, 18.6362

Complementary

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



19.5239, 21.3246, 29.8751



21.8254, 21.8129, 17.8124

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.



19.8581, 21.3246, 17.4162



19.5239, 21.3246, 29.8751



22.0362, 21.3246, 19.2599

Square

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



19.5239, 21.3246, 29.8751



22.4759, 21.3246, 25.4453



21.0316, 21.3246, 17.6329



18.2104, 21.3246, 21.1263

Rectangle

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



19.5239, 21.3246, 29.8751



21.4388, 21.3246, 29.2558



21.0316, 21.3246, 17.6329



19.1414, 21.3246, 18.0754

Sweetspot

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



19.5245, 21.3255, 29.8756



43.8840, 46.7153, 54.6776



20.2314, 25.0363, 23.0295



9.6991, 10.3331, 12.1555



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.



19.5245, 21.3255, 29.8756



32.4808, 35.7279, 53.1578



17.4376, 17.1516, 29.1799



5.3693, 5.7343, 6.8526



7.0540, 7.0940, 23.9746



0.0894, 0.1117, 0.2365

Inverse Universe

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



21.2828, 18.7839, 23.6240



36.2481, 30.5500, 39.7027



24.1773, 26.5167, 18.5964



5.5299, 5.4725, 6.2883



11.3637, 5.7025, 7.5663



0.1197, 0.0589, 0.1306

Previews

White Background



This preview shows how the XYZ color 19.5239, 21.3246, 29.8751 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 19.5239, 21.3246, 29.8751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

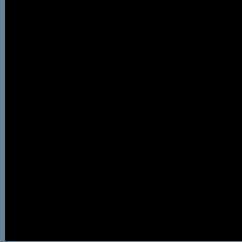
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

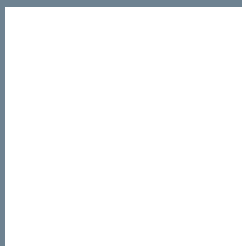
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5239, 21.3246, 29.8751

Background



This preview shows how black text looks on a background with the XYZ color 19.5239, 21.3246, 29.8751.



This preview shows how white text looks on a background with the XYZ color 19.5239, 21.3246,

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

19.5239, 21.3246, 29.8751

Protanopia

20.8762, 21.2649, 28.9908

Deuteranopia

21.6019, 21.2365, 30.1546



Tritanopia

19.2307, 21.4069, 28.3177

Trichromacy



Original Color

19.5239, 21.3246, 29.8751

Protanomaly

20.3691, 21.1854, 29.4012

Deuteranomaly

20.8175, 21.2080, 30.1905

Tritanomaly

19.3055, 21.4368, 28.7114

Monochromacy



Original Color

19.5239, 21.3246, 29.8751

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.5687, 20.8653, 25.1863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5239, 21.3246, 29.8751 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(110, 130, 145)` looks like.

```
.text, #text, p{  
    color:rgb(110, 130, 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(110, 130, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 130, 145) }
```

Border

The CSS property to change the border of an element to XYZ 19.5239, 21.3246, 29.8751 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(110, 130, 145) }
```


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

```
.border{ border-color:rgb(110, 130, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 130, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 130, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 130, 145);  
box-shadow:4px 4px 4px 4px rgb(110, 130,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5239, 21.3246, 29.8751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 130, 145) }
```

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

```
.background{ background-color: rgb(110,  
130, 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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