

Converting Colors

XYZ(21.1622, 20.3538, 29.3811)

Have a look what the booklet for
XYZ(21.1622, 20.3538, 29.3811)
contains.

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Color

**XYZ(21.1106, 20.2719,
29.1858)**

Conversions

Conversions Part 1

Format	Color
Hex	837890
RGB	131, 120, 144
RGB Percent	51%, 47%, 56%
CMY	0.4863, 0.5294, 0.4353
CMYK	0.09, 0.17, 0.00, 0.44
HSL	267°, 10%, 52%
HSV	267°, 17%, 56%
XYZ	21.1106, 20.2719, 29.1858
YIQ	126.0250, -1.1480, 9.7960

Conversions

Conversions Part 2

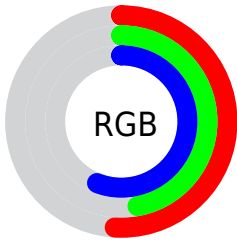
Format	Color
R_{YB}	131, 120, 144
Decimal	8616080
CIE _{Lab}	52.14, 9.08, -11.47
CIE _{LCh}	52, 14.625, 308.378
Yxy	20.2719, 0.2992, 0.2873
Android (android.graphics.Color)	4286806160 (0xFF837890)
YUV	126.0250, 8.8617, 4.3631
Hunter-Lab	45.0243, 4.9009, -6.9161

Details

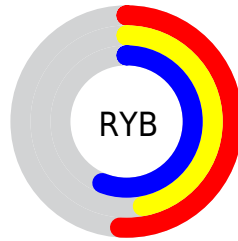
The XYZ color **21.1106, 20.2719, 29.1858** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.0371, 26.2897, 21.6306**, and the grayscale version is **19.8113, 20.8431, 22.6981**.

A 20% lighter version of the original color is **44.7127, 43.7726, 59.5184**, and **7.7311, 7.1922, 11.5704** is the 20% darker color. If you saturate the color by 10%, you get **18.3444, 16.4659, 28.5973**, and if you desaturate by 10%, it is **24.2295, 24.6475, 29.8663**.

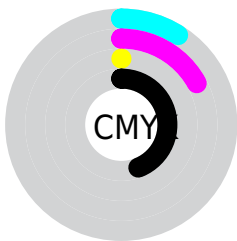
Distribution



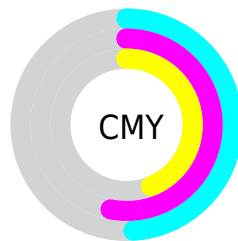
- Red (51%)
- Green (47%)
- Blue (56%)



- Red (51%)
- Yellow (47%)
- Blue (56%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1106, 20.2719, 29.1858 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 21.1106, 20.2719, 29.1858 by changing the saturation by 10% instead.

■ 21.1106, 20.2719,
29.1858

■ 21.1106, 20.2719,
29.1858

250.5863,
253.3833, 312.1789

■ 13.3178, 12.5928,
18.9746

■ 44.7614, 43.8726,
59.4179

■ 7.7262, 7.1488,
11.4753

■ 61.3501, 60.5630,
80.2758

■ 3.9706, 3.5553,
6.2693

■ 81.6016, 81.0260,
105.5198

■ 1.6855, 1.4281,
2.9381

105.8810,
105.6459, 135.5684

■ 0.4472, 0.2373,
1.0631

134.5538,
134.8072, 170.8400

■ 0.0000, 0.0000,
0.0000

167.9854,

168.8943, 211.7533

206.5411,
208.2915, 258.7268

■ 21.1106, 20.2719,
29.1858

■ 21.1106, 20.2719,
29.1858

■ 18.3444, 16.4659,
28.5973

■ 24.2295, 24.6475,
29.8663

■ 15.9155, 13.2026,
28.0954

■ 27.7119, 29.6127,
30.6412

■ 13.8099, 10.4569,
27.6764

■ 31.5708, 35.1900,
31.5143

■ 12.0120, 8.2007,
27.3357

■ 35.8175, 41.3997,
32.4890

■ 10.5046, 6.4030,
27.0681

■ 40.4631, 48.2611,
33.5686

■ 9.2687, 5.0290,
26.8681

■ 45.5182, 55.7929,
34.7559

■ 8.2825, 4.0391,
26.7290

■ 50.9929, 64.0128,
36.0540

■ 7.5119, 3.3684,
26.6401

■ 56.8970, 72.9381,
37.4656

■ 7.2805, 3.1717,
26.6144

■ 63.2399, 82.5853,
38.9933

Harmonies

Analogous

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



19.6903, 20.2719, 31.2734



21.1106, 20.2719, 29.1858



22.0693, 20.2719, 25.2515

Triad

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



21.1106, 20.2719, 29.1858



20.3480, 20.2719, 15.2622



16.5583, 20.2719, 23.2956

Complementary

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



21.1106, 20.2719, 29.1858



23.0371, 26.2897, 21.6306

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.



16.7141, 20.2719, 19.1724



21.1106, 20.2719, 29.1858



18.8515, 20.2719, 14.8806

Square

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



21.1106, 20.2719, 29.1858



21.6134, 20.2719, 17.3403



17.5356, 20.2719, 16.2207



17.0984, 20.2719, 27.5961

Rectangle

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



21.1106, 20.2719, 29.1858



22.2905, 20.2719, 22.3068



17.5356, 20.2719, 16.2207



16.5316, 20.2719, 21.8402

Sweetspot

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



21.1112, 20.2728, 29.1862



43.6513, 44.7705, 52.8789



21.1955, 22.8374, 29.6768



9.9251, 10.1461, 12.1075



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.



21.1112, 20.2728, 29.1862



35.3358, 33.1262, 51.0696



23.0442, 21.2693, 29.2767



5.3497, 5.3685, 6.7830



6.3665, 2.7756, 23.1773



0.0858, 0.0394, 0.2228

Inverse Universe

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



22.4525, 21.0566, 25.0724



38.1906, 34.7954, 42.2827



21.2774, 25.3826, 21.5482



5.5234, 5.4699, 6.2540



11.2255, 5.6472, 6.8386



0.1185, 0.0584, 0.1240

Previews

White Background



This preview shows how the XYZ color 21.1106, 20.2719, 29.1858 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 21.1106, 20.2719, 29.1858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

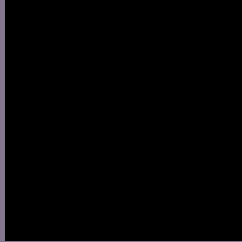
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.1106, 20.2719, 29.1858

Background



This preview shows how black text looks on a background with the XYZ color 21.1106, 20.2719, 29.1858.



This preview shows how white text looks on a background with the XYZ color 21.1106, 20.2719,

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

21.1106, 20.2719, 29.1858

Protanopia

20.0170, 20.2343, 30.0447

Deuteranopia

20.6238, 20.2004, 29.1976



Tritanopia

20.1777, 20.2521, 24.6754

Trichromacy



Original Color

21.1106, 20.2719, 29.1858

Protanomaly

20.3825, 20.2485, 29.6221

Deuteranomaly

20.7735, 20.2776, 29.2046

Tritanomaly

20.4872, 20.1981, 26.1114

Monochromacy



Original Color

21.1106, 20.2719, 29.1858

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.3434, 20.6980, 25.1132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1106, 20.2719, 29.1858 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(131, 120, 144)` looks like.

```
.text, #text, p{  
    color:rgb(131, 120, 144)  
}
```

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(131, 120, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 120, 144) }
```

Border

The CSS property to change the border of an element to XYZ 21.1106, 20.2719, 29.1858 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(131, 120, 144) }
```


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

```
.border{ border-color:rgb(131, 120, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 120, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 120, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 120, 144);  
box-shadow:4px 4px 4px 4px rgb(131, 120,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1106, 20.2719, 29.1858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 120, 144) }
```

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

```
.background{ background-color: rgb(131,  
120, 144) }
```

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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