

Converting Colors

XYZ(21.8611, 19.6989, 28.6370)

Have a look what the booklet for
XYZ(21.8611, 19.6989, 28.6370)
contains.

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Color

**XYZ(21.7905, 19.5932,
28.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	8C728F
RGB	140, 114, 143
RGB Percent	55%, 45%, 56%
CMY	0.4510, 0.5529, 0.4392
CMYK	0.02, 0.20, 0.00, 0.44
HSL	294°, 11%, 50%
HSV	294°, 20%, 56%
XYZ	21.7905, 19.5932, 28.6200
YIQ	125.0800, 6.1870, 14.5310

Conversions

Conversions Part 2

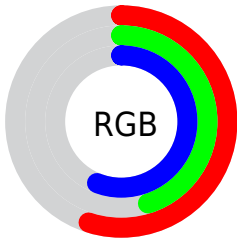
Format	Color
R_{YB}	140, 114, 143
Decimal	9204367
CIE _{Lab}	51.37, 15.61, -11.95
CIE _{LCh}	51, 19.662, 322.562
Yxy	19.5932, 0.3113, 0.2799
Android (android.graphics.Color)	4287394447 (0xFF8C728F)
YUV	125.0800, 8.8346, 13.0848
Hunter-Lab	44.2642, 10.4101, -7.3503

Details

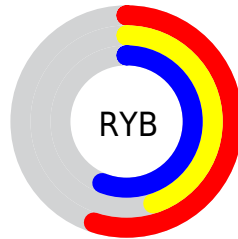
The XYZ color **21.7905, 19.5932, 28.6200** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.1964, 24.6422, 19.6124**, and the grayscale version is **19.4901, 20.5051, 22.3301**.

A 20% lighter version of the original color is **45.9624, 42.7730, 58.6569**, and **8.1404, 6.8604, 11.2511** is the 20% darker color. If you saturate the color by 10%, you get **20.0546, 16.4886, 28.1125**, and if you desaturate by 10%, it is **23.7831, 23.2056, 29.2125**.

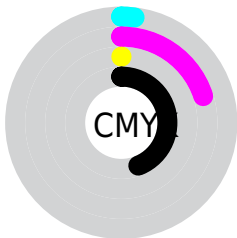
Distribution



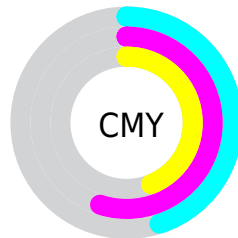
- Red (55%)
- Green (45%)
- Blue (56%)



- Red (55%)
- Yellow (45%)
- Blue (56%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7905, 19.5932, 28.6200 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 21.7905, 19.5932, 28.6200 by changing the saturation by 10% instead.

■ 21.7905, 19.5932,
28.6200

■ 21.7905, 19.5932,
28.6200

254.1032,
249.7043, 309.4224

■ 13.8188, 12.0997,
18.5504

■ 45.8809, 42.7341,
58.5078

■ 8.0756, 6.8116,
11.1724

■ 62.7304, 59.1503,
79.1630

■ 4.1956, 3.3446,
6.0673

■ 83.2697, 79.3094,
104.1840

■ 1.8134, 1.3142,
2.8166

■ 107.8644,
103.5960, 133.9891

■ 0.5257, 0.1521,
1.0018

136.8797,
132.3944, 168.9970

■ 0.0000, 0.0000,
0.0000

170.6811,

166.0890, 209.6261

209.6338,
205.0641, 256.2951

■ 21.7905, 19.5932,
28.6200

■ 21.7905, 19.5932,
28.6200

■ 20.0546, 16.4886,
28.1125

■ 23.7831, 23.2056,
29.2125

■ 18.5619, 13.8658,
27.6850

■ 26.0417, 27.3452,
29.8925

■ 17.3005, 11.7006,
27.3335

■ 28.5769, 32.0332,
30.6638

■ 16.2565, 9.9653,
27.0536

■ 31.3987, 37.2893,
31.5296

■ 15.4147, 8.6295,
26.8401

■ 34.5163, 43.1318,
32.4930

■ 14.7578, 7.6588,
26.6874

■ 37.9385, 49.5786,
33.5570

■ 14.2658, 7.0127,
26.5886

■ 41.6738, 56.6464,
34.7243

■ 13.8917, 6.5887,
26.5265

■ 45.7303, 64.3516,
35.9978

■ 50.1160, 72.7099,
37.3799

Harmonies

Analogous

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



20.1121, 19.5932, 32.9828



21.7905, 19.5932, 28.6200



22.6309, 19.5932, 22.7671

Triad

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



21.7905, 19.5932, 28.6200



19.1167, 19.5932, 12.2938



15.3435, 19.5932, 25.7658

Complementary

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



21.7905, 19.5932, 28.6200



20.1964, 24.6422, 19.6124

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.



15.1182, 19.5932, 19.9617



21.7905, 19.5932, 28.6200



17.2088, 19.5932, 12.8120

Square

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



21.7905, 19.5932, 28.6200



21.0181, 19.5932, 13.8364



15.7779, 19.5932, 15.4026



16.4166, 19.5932, 31.1430

Rectangle

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



21.7905, 19.5932, 28.6200



22.5641, 19.5932, 19.0633



15.7779, 19.5932, 15.4026



15.1693, 19.5932, 23.7775

Sweetspot

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



21.7911, 19.5940, 28.6204



44.2115, 44.5177, 52.8006



18.3041, 18.3735, 28.5686



10.0870, 10.1143, 12.0928



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.



21.7911, 19.5940, 28.6204



37.6542, 32.6293, 50.8515



21.5024, 19.5378, 24.4264



5.5721, 5.4831, 6.7934



12.2930, 5.8308, 23.4546



0.1278, 0.0610, 0.2247

Inverse Universe

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



20.5565, 19.1594, 19.4450



35.0768, 31.7260, 31.5078



20.4716, 24.7065, 23.1317



5.4302, 5.4326, 5.7632



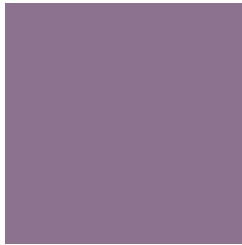
10.0949, 5.1950, 0.8854



0.1001, 0.0511, 0.0273

Previews

White Background



This preview shows how the XYZ color 21.7905, 19.5932, 28.6200 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 21.7905, 19.5932, 28.6200 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 21.7905, 19.5932, 28.6200

Background



This preview shows how black text looks on a background with the XYZ color 21.7905, 19.5932, 28.6200.



This preview shows how white text looks on a background with the XYZ color 21.7905, 19.5932,

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

21.7905, 19.5932, 28.6200

Protanopia

19.5188, 19.5948, 30.7704

Deuteranopia

20.0564, 19.7459, 28.3454



Tritanopia

20.6084, 19.6322, 22.4419

Trichromacy



Original Color

21.7905, 19.5932, 28.6200

Protanomaly

20.1242, 19.3922, 29.8765

Deuteranomaly

20.5668, 19.6557, 28.3011

Tritanomaly

21.0577, 19.6457, 24.5119

Monochromacy



Original Color

21.7905, 19.5932, 28.6200

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.2082, 20.0865, 24.6418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7905, 19.5932, 28.6200 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(140, 114, 143)` looks like.

```
.text, #text, p{  
    color:rgb(140, 114, 143)  
}
```

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(140, 114, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 114, 143) }
```

Border

The CSS property to change the border of an element to XYZ 21.7905, 19.5932, 28.6200 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(140, 114, 143) }
```


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

```
.border{ border-color:rgb(140, 114, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 114, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 114, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 114, 143);  
box-shadow:4px 4px 4px 4px rgb(140, 114,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7905, 19.5932, 28.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 114, 143) }
```

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

```
.background{ background-color: rgb(140,  
114, 143) }
```

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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