

Converting Colors

XYZ(19.7278, 21.7999, 6.3159)

Have a look what the booklet for
XYZ(19.7278, 21.7999, 6.3159)
contains.

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Color

**XYZ(19.7755, 21.7792,
6.2935)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8133
RGB	143, 129, 51
RGB Percent	56%, 51%, 20%
CMY	0.4392, 0.4941, 0.8000
CMYK	0.00, 0.10, 0.64, 0.44
HSL	51°, 47%, 38%
HSV	51°, 64%, 56%
XYZ	19.7755, 21.7792, 6.2935
YIQ	124.2940, 33.3820, -21.2900

Conversions

Conversions Part 2

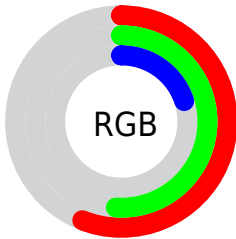
Format	Color
R_{YB}	68, 143, 51
Decimal	9404723
CIE _{Lab}	53.79, -4.55, 43.00
CIE _{LCh}	54, 43.242, 96.039
Yxy	21.7792, 0.4133, 0.4552
Android (android.graphics.Color)	4287594803 (0xFF8F8133)
YUV	124.2940, -36.1339, 16.4052
Hunter-Lab	46.6682, -6.0305, 24.6721

Details

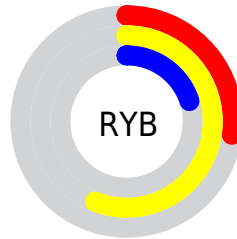
The XYZ color **19.7755, 21.7792, 6.2935** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.2134, 6.4674, 26.8019**, and the grayscale version is **19.3660, 20.3745, 22.1878**.

A 20% lighter version of the original color is **42.6301, 46.5376, 19.0477**, and **7.0851, 7.9110, 1.1535** is the 20% darker color. If you saturate the color by 10%, you get **19.2242, 21.1058, 4.7865**, and if you desaturate by 10%, it is **20.4310, 22.5056, 8.3143**.

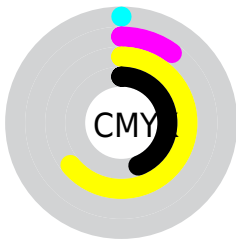
Distribution



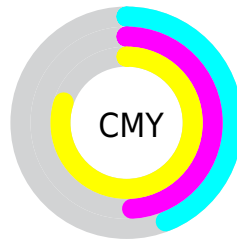
- Red (56%)
- Green (51%)
- Blue (20%)



- Red (27%)
- Yellow (56%)
- Blue (20%)



- Cyan (0%)
- Magenta (10%)
- Yellow (64%)
- Black (44%)



- Cyan (44%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7755, 21.7792, 6.2935 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 19.7755, 21.7792, 6.2935 by changing the saturation by 10% instead.

■ 19.7755, 21.7792,
6.2935

■ 19.7755, 21.7792,
6.2935

243.5540,
261.3910, 171.0587

■ 12.3393, 13.6947,
2.9527

■ 42.5473, 46.3808,
19.0252

■ 7.0490, 7.9087,
1.0705

■ 58.6136, 63.6667,
29.2532

■ 3.5394, 4.0366,
0.0000

■ 78.2872, 84.7886,
42.6139

■ 1.4450, 1.6940,
0.0000

■ 101.9337,
110.1308, 59.5260

■ 0.2879, 0.4198,
0.0000

■ 129.9182,
140.0778, 80.4080

■ 0.0000, 0.0000,
0.0000

■ 162.6062,

175.0139, 105.6785

200.3630,
215.3235, 135.7558

■ 19.7755, 21.7792,
6.2935

■ 19.7755, 21.7792,
6.2935

■ 19.2242, 21.1058,
4.7865

■ 20.4310, 22.5056,
8.3143

■ 18.7661, 20.4787,
3.7433

■ 21.1971, 23.2854,
10.8899

■ 18.3904, 19.8940,
3.1033

■ 22.0818, 24.1223,
14.0589

■ 18.1948, 19.5740,
2.8192

■ 23.0915, 25.0193,
17.8560

■ 24.2324, 25.9787,
22.3131

■ 25.5102, 27.0030,
27.4601

■ 26.9303, 28.0942,
33.3250

■ 28.4977, 29.2546,
39.9342

■ 30.2171, 30.4860,
47.3128

Harmonies

Analogous

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



24.5415, 21.7792, 7.1838



19.7755, 21.7792, 6.2935



15.8802, 21.7792, 8.4665

Triad

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



19.7755, 21.7792, 6.2935



14.2887, 21.7792, 42.1590



29.9763, 21.7792, 35.6854

Complementary

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



19.7755, 21.7792, 6.2935



8.2134, 6.4674, 26.8019

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.



26.4090, 21.7792, 50.9756



19.7755, 21.7792, 6.2935



17.2827, 21.7792, 55.5878

Square

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



19.7755, 21.7792, 6.2935



13.0318, 21.7792, 26.5063



21.6539, 21.7792, 59.3053



30.9071, 21.7792, 21.1247

Rectangle

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



19.7755, 21.7792, 6.2935



14.1442, 21.7792, 12.1074



21.6539, 21.7792, 59.3053



29.0223, 21.7792, 41.0544

Sweetspot

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



19.7760, 21.7802, 6.2939



42.3314, 45.6392, 35.7634



13.5048, 8.6048, 6.1553



9.5883, 10.3651, 7.7379



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.



19.7760, 21.7802, 6.2939



34.0560, 37.3053, 7.6734



17.1446, 23.3505, 6.7357



5.7706, 6.1476, 5.7718



16.0999, 17.3314, 2.4967



0.1662, 0.1902, 0.0279

Inverse Universe

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



8.2134, 6.4674, 26.8019



11.7359, 7.7983, 47.4247



9.5927, 6.1300, 26.6641



5.1917, 5.3793, 6.7934



4.6439, 2.2738, 23.1712



0.0545, 0.0420, 0.2249

Previews

White Background



This preview shows how the XYZ color 19.7755, 21.7792, 6.2935 looks on a white background.

Color Contrast Check

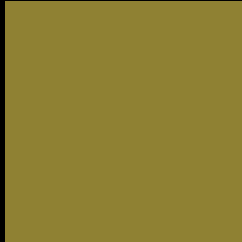
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7755, 21.7792, 6.2935 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 19.7755, 21.7792, 6.2935

Background



This preview shows how black text looks on a background with the XYZ color 19.7755, 21.7792, 6.2935.



This preview shows how white text looks on a background with the XYZ color 19.7755, 21.7792,

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

19.7755, 21.7792, 6.2935

Protanopia

19.7755, 21.7792, 6.2935

Deuteranopia

22.0993, 21.6497, 6.3822



Tritanopia

23.4443, 21.7705, 24.0856

Trichromacy



Original Color

19.7755, 21.7792, 6.2935

Protanomaly

19.7755, 21.7792, 6.2935

Deuteranomaly

21.2799, 21.7852, 6.3322

Tritanomaly

21.5892, 21.5579, 15.3351

Monochromacy



Original Color

19.7755, 21.7792, 6.2935

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.9786, 20.6101, 14.2871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7755, 21.7792, 6.2935 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(143, 129, 51)` looks like.

```
.text, #text, p{  
    color:rgb(143, 129, 51)  
}
```

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(143, 129, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 129, 51) }
```

Border

The CSS property to change the border of an element to XYZ 19.7755, 21.7792, 6.2935 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(143, 129, 51) }
```


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

```
.border{ border-color:rgb(143, 129, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 129, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 129, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 129, 51);  
box-shadow:4px 4px 4px 4px rgb(143, 129,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7755, 21.7792, 6.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 129, 51) }
```

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

```
.background{ background-color: rgb(143,  
129, 51) }
```

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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