

Converting Colors

XYZ(19.5317, 20.8640, 10.1779)

Have a look what the booklet for
XYZ(19.5317, 20.8640, 10.1779)
contains.

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Color

**XYZ(19.5240, 20.7927,
10.1921)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7D4E
RGB	140, 125, 78
RGB Percent	55%, 49%, 31%
CMY	0.4510, 0.5098, 0.6941
CMYK	0.00, 0.11, 0.44, 0.45
HSL	45°, 28%, 43%
HSV	45°, 44%, 55%
XYZ	19.5240, 20.7927, 10.1921
YIQ	124.1270, 24.0270, -11.4370

Conversions

Conversions Part 2

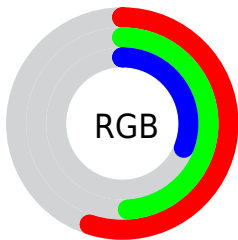
Format	Color
R_{YB}	98, 140, 78
Decimal	9207118
CIE _{Lab}	52.72, -1.20, 27.68
CIE _{LCh}	53, 27.702, 92.479
Yxy	20.7927, 0.3865, 0.4117
Android (android.graphics.Color)	4287397198 (0xFF8C7D4E)
YUV	124.1270, -22.7406, 13.9206
Hunter-Lab	45.5990, -3.3704, 18.6671

Details

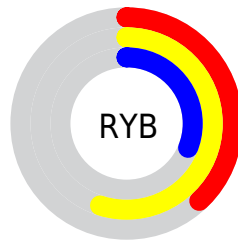
The XYZ color **19.5240, 20.7927, 10.1921** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.7898, 11.3416, 26.3788**, and the grayscale version is **19.2688, 20.2723, 22.0765**.

A 20% lighter version of the original color is **42.1241, 44.6049, 26.8115**, and **6.8697, 7.3479, 2.4227** is the 20% darker color. If you saturate the color by 10%, you get **18.6533, 19.7709, 7.6837**, and if you desaturate by 10%, it is **20.5172, 21.8885, 13.2691**.

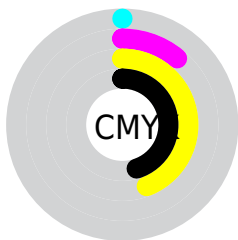
Distribution



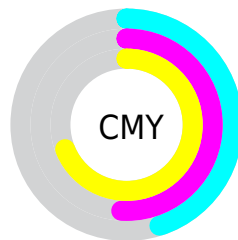
- Red (55%)
- Green (49%)
- Blue (31%)



- Red (38%)
- Yellow (55%)
- Blue (31%)



- Cyan (0%)
- Magenta (11%)
- Yellow (44%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5240, 20.7927, 10.1921 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 19.5240, 20.7927, 10.1921 by changing the saturation by 10% instead.

■ 19.5240, 20.7927,
10.1921

■ 19.5240, 20.7927,
10.1921

242.2094,
256.1748, 202.5720

■ 12.1558, 12.9726,
5.4192

■ 42.1277, 44.7423,
26.7696

■ 6.9228, 7.4097,
2.4323

■ 58.0940, 61.6405,
39.4114

■ 3.4598, 3.7196,
0.8039

■ 77.6569, 82.3335,
55.5132

■ 1.4013, 1.5180,
0.0000

■ 101.1818,
107.2058, 75.4937

■ 0.2572, 0.3013,
0.0000

■ 129.0342,
136.6416, 99.7712

■ 0.0000, 0.0000,
0.0000

161.5794,

171.0255, 128.7644

199.1827,
210.7417, 162.8919

■ 19.5240, 20.7927,
10.1921

■ 19.5240, 20.7927,
10.1921

■ 18.6533, 19.7709,
7.6837

■ 20.5172, 21.8885,
13.2691

■ 17.8966, 18.8170,
5.7066

■ 21.6378, 23.0580,
16.9463

■ 17.2467, 17.9288,
4.2208

■ 22.8922, 24.3050,
21.2546

■ 16.6946, 17.1024,
3.1803

■ 24.2859, 25.6317,
26.2222

■ 16.2292, 16.3332,
2.5270

■ 25.8241, 27.0405,
31.8759

■ 15.9833, 15.9116,
2.2288

■ 27.5117, 28.5335,
38.2407

■ 29.3533, 30.1129,
45.3404

■ 31.3533, 31.7805,
53.1979

■ 33.5162, 33.5384,
61.8348

Harmonies

Analogous

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



22.4372, 20.7927, 11.2751



19.5240, 20.7927, 10.1921



16.9324, 20.7927, 11.7122

Triad

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



19.5240, 20.7927, 10.1921



15.4447, 20.7927, 32.2823



25.0992, 20.7927, 30.7986

Complementary

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



19.5240, 20.7927, 10.1921



11.7898, 11.3416, 26.3788

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.



22.8923, 20.7927, 38.8516



19.5240, 20.7927, 10.1921



17.3099, 20.7927, 39.8443

Square

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



19.5240, 20.7927, 10.1921



14.7247, 20.7927, 23.3335



20.0036, 20.7927, 42.4989



25.8361, 20.7927, 21.9598

Rectangle

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



19.5240, 20.7927, 10.1921



15.6833, 20.7927, 14.2799



20.0036, 20.7927, 42.4989



24.4948, 20.7927, 33.7539

Sweetspot

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



19.5245, 20.7937, 10.1925



40.5970, 43.0807, 38.3043



15.5378, 11.8237, 11.9360



9.2472, 9.8225, 8.4505



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.5245, 20.7937, 10.1925



32.9107, 34.8861, 13.6129



19.1380, 23.6288, 10.7601



5.3303, 5.6434, 5.3607



14.2176, 14.1696, 1.9857



0.1058, 0.1168, 0.0170

Inverse Universe

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



11.7898, 11.3416, 26.3788



17.4951, 16.0633, 45.9214



12.0232, 9.6958, 26.0488



4.8666, 5.0761, 6.3291



4.7246, 2.7194, 22.3216



0.0413, 0.0380, 0.1516

Previews

White Background



This preview shows how the XYZ color 19.5240, 20.7927, 10.1921 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 19.5240, 20.7927, 10.1921 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

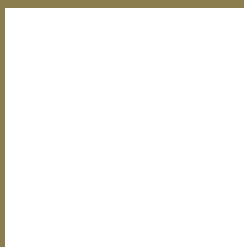
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5240, 20.7927, 10.1921

Background



This preview shows how black text looks on a background with the XYZ color 19.5240, 20.7927, 10.1921.



This preview shows how white text looks on a background with the XYZ color 19.5240, 20.7927,

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

19.5240, 20.7927, 10.1921

Protanopia

19.1525, 20.7901, 10.2112

Deuteranopia

21.0766, 20.6729, 10.2765



Tritanopia

22.1702, 20.7719, 23.2630

Trichromacy



Original Color

19.5240, 20.7927, 10.1921

Protanomaly

19.3172, 20.8750, 10.2189

Deuteranomaly

20.5836, 20.7795, 10.3231

Tritanomaly

20.9795, 20.6402, 17.6301

Monochromacy



Original Color

19.5240, 20.7927, 10.1921

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.0674, 20.2227, 16.8083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5240, 20.7927, 10.1921 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, 125, 78)` looks like.

```
.text, #text, p{  
    color:rgb(140, 125, 78)  
}
```

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, 125, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 125, 78) }
```

Border

The CSS property to change the border of an element to XYZ 19.5240, 20.7927, 10.1921 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, 125, 78) }
```


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

```
.border{ border-color:rgb(140, 125, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 125, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 125, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 125, 78);  
box-shadow:4px 4px 4px 4px rgb(140, 125,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5240, 20.7927, 10.1921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 125, 78) }
```

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

```
.background{ background-color: rgb(140,  
125, 78) }
```

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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