

Converting Colors

XYZ(20.5015, 22.9864, 9.2695)

Have a look what the booklet for
XYZ(20.5015, 22.9864, 9.2695)
contains.

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Color

**XYZ(20.5094, 22.8927,
9.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8547
RGB	141, 133, 71
RGB Percent	55%, 52%, 28%
CMY	0.4471, 0.4784, 0.7216
CMYK	0.00, 0.06, 0.50, 0.45
HSL	53°, 33%, 42%
HSV	53°, 50%, 55%
XYZ	20.5094, 22.8927, 9.2990
YIQ	128.3240, 24.6700, -17.5860

Conversions

Conversions Part 2

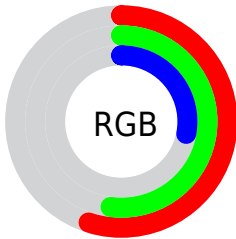
Format	Color
R_{YB}	80, 141, 71
Decimal	9274695
CIE Lab	54.96, -5.97, 34.27
CIE LCh	55, 34.788, 99.882
Yxy	22.8927, 0.3892, 0.4344
Android (android.graphics.Color)	4287464775 (0xFF8D8547)
YUV	128.3240, -28.2607, 11.1169
Hunter-Lab	47.8463, -7.2167, 21.9693

Details

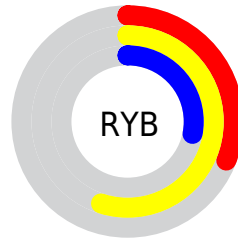
The XYZ color **20.5094, 22.8927, 9.2990** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.2022, 8.8544, 26.3707**, and the grayscale version is **20.7201, 21.7991, 23.7392**.

A 20% lighter version of the original color is **43.7750, 48.2340, 25.0921**, and **7.4550, 8.5304, 2.1178** is the 20% darker color. If you saturate the color by 10%, you get **19.8898, 22.2955, 7.1132**, and if you desaturate by 10%, it is **21.2385, 23.5408, 12.0400**.

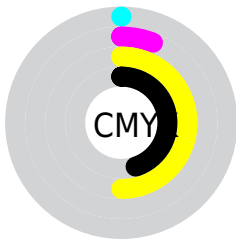
Distribution



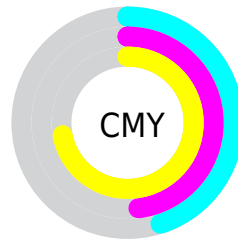
- Red (55%)
- Green (52%)
- Blue (28%)



- Red (31%)
- Yellow (55%)
- Blue (28%)



- Cyan (0%)
- Magenta (6%)
- Yellow (50%)
- Black (45%)



- Cyan (45%)
- Magenta (48%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5094, 22.8927, 9.2990 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 20.5094, 22.8927, 9.2990 by changing the saturation by 10% instead.

■ 20.5094, 22.8927,
9.2990

■ 20.5094, 22.8927,
9.2990

247.4410,
267.1734, 195.8925

■ 12.8763, 14.5143,
4.8373

■ 43.7671, 48.2171,
25.0552

■ 7.4198, 8.4792,
2.0950

■ 60.1223, 65.9318,
37.1868

■ 3.7747, 4.4031,
0.6128

■ 80.1156, 87.5275,
52.7120

■ 1.5755, 1.9015,
0.0000

■ 104.1124,
113.3885, 72.0495

■ 0.3763, 0.5493,
0.0000

■ 132.4779,
143.8992, 95.6178

■ 0.0000, 0.0000,
0.0000

165.5777,

179.4440, 123.8353

203.7769,
220.4072, 157.1207

■ 20.5094, 22.8927,
9.2990

■ 20.5094, 22.8927,
9.2990

■ 19.8898, 22.2955,
7.1132

■ 21.2385, 23.5408,
12.0400

■ 19.3706, 21.7431,
5.4424

■ 22.0822, 24.2393,
15.3698

■ 18.9442, 21.2331,
4.2431

■ 23.0471, 24.9917,
19.3212

■ 18.6007, 20.7616,
3.4642

■ 24.1390, 25.8004,
23.9239

■ 18.3146, 20.3184,
2.9710

■ 25.3630, 26.6675,
29.2061

■ 18.3046, 20.3028,
2.9541

■ 26.7243, 27.5950,
35.1938

■ 28.2276, 28.5849,
41.9122

■ 29.8774, 29.6389,
49.3847

■ 31.6780, 30.7588,
57.6342

Harmonies

Analogous

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



24.4137, 22.8927, 9.8172



20.5094, 22.8927, 9.2990



17.3371, 22.8927, 11.9112

Triad

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



20.5094, 22.8927, 9.2990



16.5444, 22.8927, 41.1967



29.5011, 22.8927, 32.9782

Complementary

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



20.5094, 22.8927, 9.2990



10.2022, 8.8544, 26.3707

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.



26.8749, 22.8927, 45.0615



20.5094, 22.8927, 9.2990



19.3038, 22.8927, 50.6964

Square

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



20.5094, 22.8927, 9.2990



15.2336, 22.8927, 28.7562



23.0580, 22.8927, 52.2889



29.9231, 22.8927, 21.4524

Rectangle

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



20.5094, 22.8927, 9.2990



15.9480, 22.8927, 15.7069



23.0580, 22.8927, 52.2889



28.8333, 22.8927, 37.1901

Sweetspot

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



20.5100, 22.8938, 9.2995



42.0903, 45.3694, 38.0179



14.6553, 10.7364, 8.7292



9.3219, 10.0744, 8.1595



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.



20.5100, 22.8938, 9.2995



35.4546, 39.7596, 12.1858



17.6235, 23.0934, 9.4901



5.7877, 6.1817, 5.7775



16.6976, 18.5268, 2.6960



0.1693, 0.1965, 0.0290

Inverse Universe

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



10.2022, 8.8544, 26.3707



14.7207, 11.5371, 46.5789



12.0802, 9.0173, 26.3032



5.1762, 5.3481, 6.7882



4.5608, 2.1077, 23.1435



0.0514, 0.0357, 0.2239

Previews

White Background



This preview shows how the XYZ color 20.5094, 22.8927, 9.2990 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 20.5094, 22.8927, 9.2990 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 20.5094, 22.8927, 9.2990

Background



This preview shows how black text looks on a background with the XYZ color 20.5094, 22.8927, 9.2990.



This preview shows how white text looks on a background with the XYZ color 20.5094, 22.8927,

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

20.5094, 22.8927, 9.2990

Protanopia

21.0656, 22.9772, 9.2860

Deuteranopia

23.2342, 22.7253, 9.4652



Tritanopia

24.0468, 22.9669, 26.0873

Trichromacy



Original Color

20.5094, 22.8927, 9.2990

Protanomaly

20.8902, 22.8868, 9.2778

Deuteranomaly

22.2153, 22.7762, 9.3563

Tritanomaly

22.4519, 22.8901, 18.5641

Monochromacy



Original Color

20.5094, 22.8927, 9.2990

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.3093, 22.0133, 17.0885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5094, 22.8927, 9.2990 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(141, 133, 71)` looks like.

```
.text, #text, p{  
    color:rgb(141, 133, 71)  
}
```

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(141, 133, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 133, 71) }
```

Border

The CSS property to change the border of an element to XYZ 20.5094, 22.8927, 9.2990 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(141, 133, 71) }
```


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

```
.border{ border-color:rgb(141, 133, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 133, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 133, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 133, 71);  
box-shadow:4px 4px 4px 4px rgb(141, 133,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5094, 22.8927, 9.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 133, 71) }
```

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

```
.background{ background-color: rgb(141,  
133, 71) }
```

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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