

Converting Colors

XYZ(20.9127, 22.0256, 4.1264)

Have a look what the booklet for
XYZ(20.9127, 22.0256, 4.1264)
contains.

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Color

**XYZ(20.9127, 22.0256,
4.1264)**

Conversions

Conversions Part 1

Format	Color
Hex	997F1A
RGB	153, 127, 26
RGB Percent	60%, 50%, 10%
CMY	0.4000, 0.5019, 0.8980
CMYK	0.00, 0.17, 0.83, 0.40
HSL	48°, 71%, 35%
HSV	48°, 83%, 60%
XYZ	20.9127, 22.0256, 4.1264
YIQ	123.2600, 47.9170, -25.8990

Conversions

Conversions Part 2

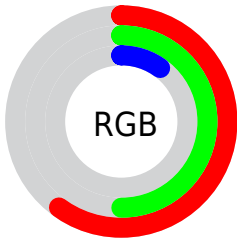
Format	Color
R_{YB}	59, 153, 26
Decimal	10059546
CIE Lab	54.05, -0.11, 53.60
CIE LCh	54, 53.604, 90.113
Yxy	22.0256, 0.4443, 0.4680
Android (android.graphics.Color)	4288249626 (0xFF997F1A)
YUV	123.2600, -47.9492, 26.0820
Hunter-Lab	46.9314, -2.5902, 27.6390

Details

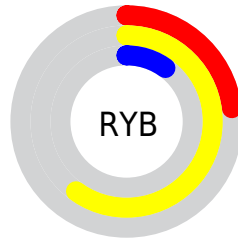
The XYZ color **20.9127, 22.0256, 4.1264** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.4038, 4.9755, 30.7070**, and the grayscale version is **19.0557, 20.0481, 21.8324**.

A 20% lighter version of the original color is **44.4320, 46.6683, 14.2555**, and **7.7614, 8.0454, 1.1439** is the 20% darker color. If you saturate the color by 10%, you get **20.3872, 21.1791, 3.3211**, and if you desaturate by 10%, it is **21.5431, 22.9359, 5.4174**.

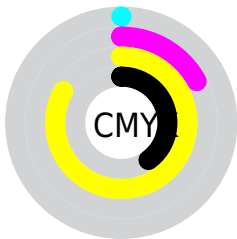
Distribution



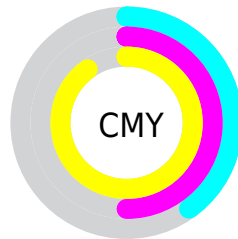
- Red (60%)
- Green (50%)
- Blue (10%)



- Red (23%)
- Yellow (60%)
- Blue (10%)



- Cyan (0%)
- Magenta (17%)
- Yellow (83%)
- Black (40%)



- Cyan (40%)
- Magenta (50%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9127, 22.0256, 4.1264 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 20.9127, 22.0256, 4.1264 by changing the saturation by 10% instead.

■ 20.9127, 22.0256,
4.1264

■ 20.9127, 22.0256,
4.1264

249.5547,
262.6799, 149.6201

■ 13.1723, 13.8757,
1.6949

■ 44.4346, 46.7883,
14.3002

■ 7.6251, 8.0343,
0.3573

■ 60.9467, 64.1699,
22.8797

■ 3.9058, 4.1169,
0.0000

■ 81.1136, 85.3975,
34.3456

■ 1.6490, 1.7392,
0.0000

■ 105.3004,
110.8556, 49.1164

■ 0.4240, 0.4488,
0.0000

■ 133.8725,
140.9285, 67.6107

■ 0.0000, 0.0000,
0.0000

■ 167.1954,

176.0006, 90.2471

205.6343,
216.4562, 117.4441

20.9127, 22.0256,
4.1264

20.9127, 22.0256,
4.1264

20.3872, 21.1791,
3.3211

21.5431, 22.9359,
5.4174

20.0573, 20.6132,
2.9216

22.2897, 23.9122,
7.2600

23.1639, 24.9600,
9.7113

24.1752, 26.0833,
12.8209

25.3321, 27.2856,
16.6332

■ 26.6425, 28.5703,
21.1888

■ 28.1135, 29.9404,
26.5252

■ 29.7519, 31.3988,
32.6772

■ 31.5640, 32.9481,
39.6778

Harmonies

Analogous

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



26.9961, 22.0256, 5.5844



20.9127, 22.0256, 4.1264



15.8245, 22.0256, 5.6082

Triad

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



20.9127, 22.0256, 4.1264



12.6955, 22.0256, 43.8333



32.1652, 22.0256, 43.6706

Complementary

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



20.9127, 22.0256, 4.1264



7.4038, 4.9755, 30.7070

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.



27.0412, 22.0256, 63.5638



20.9127, 22.0256, 4.1264



15.8561, 22.0256, 63.6844

Square

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



20.9127, 22.0256, 4.1264



11.6477, 22.0256, 24.0451



20.9567, 22.0256, 72.1793



34.1801, 22.0256, 23.9192

Rectangle

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



20.9127, 22.0256, 4.1264



13.4922, 22.0256, 8.7808



20.9567, 22.0256, 72.1793



30.7077, 22.0256, 50.8385

Sweetspot

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



20.9132, 22.0267, 4.1268



47.1032, 50.5794, 35.7873



14.1609, 7.7731, 4.1852



10.2328, 11.0044, 7.3156



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.9132, 22.0267, 4.1268



35.7853, 36.6456, 5.1872



18.9161, 26.6401, 5.1226



6.6015, 7.0081, 6.6106



16.6011, 17.0846, 2.4227



0.2724, 0.3038, 0.0443

Inverse Universe

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



7.4038, 4.9755, 30.7070



11.0803, 5.6850, 54.4853



8.1049, 4.0625, 30.4938



5.9818, 6.2211, 7.8145



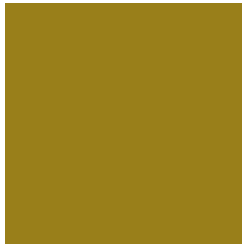
5.1843, 2.7654, 25.1682



0.0994, 0.0851, 0.3836

Previews

White Background



This preview shows how the XYZ color 20.9127, 22.0256, 4.1264 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 20.9127, 22.0256, 4.1264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

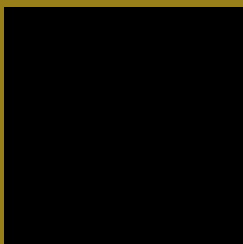
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

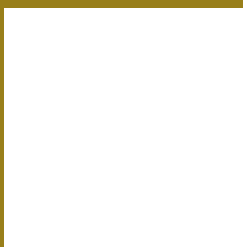
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9127, 22.0256, 4.1264

Background



This preview shows how black text looks on a background with the XYZ color 20.9127, 22.0256, 4.1264.



This preview shows how white text looks on a background with the XYZ color 20.9127, 22.0256,

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

20.9127, 22.0256, 4.1264

Protanopia

20.0345, 22.1554, 4.2574

Deuteranopia

22.3968, 22.0363, 4.1716



Tritanopia

24.8064, 21.9628, 23.0105

Trichromacy



Original Color

20.9127, 22.0256, 4.1264

Protanomaly

20.4425, 22.1692, 4.2386

Deuteranomaly

21.7036, 21.8654, 4.1134

Tritanomaly

22.5875, 21.5810, 12.6479

Monochromacy



Original Color

20.9127, 22.0256, 4.1264

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.8006, 20.1882, 12.1383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9127, 22.0256, 4.1264 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(153, 127, 26)` looks like.

```
.text, #text, p{  
    color:rgb(153, 127, 26)  
}
```

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(153, 127, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 127, 26) }
```

Border

The CSS property to change the border of an element to XYZ 20.9127, 22.0256, 4.1264 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(153, 127, 26) }
```


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

```
.border{ border-color:rgb(153, 127, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 127, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 127, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 127, 26);  
box-shadow:4px 4px 4px 4px rgb(153, 127,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9127, 22.0256, 4.1264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 127, 26) }
```

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

```
.background{ background-color: rgb(153,  
127, 26) }
```

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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