

Converting Colors

XYZ(20.5440, 22.5676, 4.3012)

Have a look what the booklet for
XYZ(20.5440, 22.5676, 4.3012)
contains.

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Color

**XYZ(20.5269, 22.6076,
4.3187)**

Conversions

Conversions Part 1

Format	Color
Hex	94831B
RGB	148, 131, 27
RGB Percent	58%, 51%, 11%
CMY	0.4196, 0.4863, 0.8941
CMYK	0.00, 0.11, 0.82, 0.42
HSL	52°, 69%, 34%
HSV	52°, 82%, 58%
XYZ	20.5269, 22.6076, 4.3187
YIQ	124.2270, 43.5160, -28.7400

Conversions

Conversions Part 2

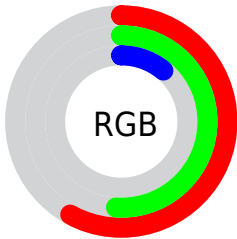
Format	Color
RYB	47, 148, 27
Decimal	9732891
CIELab	54.67, -4.61, 53.63
CIElCh	55, 53.829, 94.913
Yxy	22.6076, 0.4326, 0.4764
Android (android.graphics.Color)	4287922971 (0xFF94831B)
YUV	124.2270, -47.9329, 20.8489
Hunter-Lab	47.5474, -6.1471, 27.8979

Details

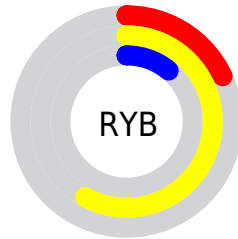
The XYZ color **20.5269, 22.6076, 4.3187** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.6981, 4.1725, 28.4693**, and the grayscale version is **19.3794, 20.3887, 22.2032**.

A 20% lighter version of the original color is **43.8025, 47.8542, 14.7127**, and **7.5315, 8.3617, 1.2170** is the 20% darker color. If you saturate the color by 10%, you get **20.1207, 22.0037, 3.5411**, and if you desaturate by 10%, it is **21.0260, 23.2594, 5.5535**.

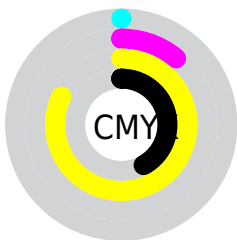
Distribution



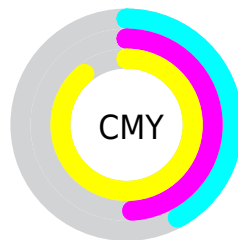
- Red (58%)
- Green (51%)
- Blue (11%)



- Red (18%)
- Yellow (58%)
- Blue (11%)



- Cyan (0%)
- Magenta (11%)
- Yellow (82%)
- Black (42%)



- Cyan (42%)
- Magenta (49%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5269, 22.6076, 4.3187 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 20.5269, 22.6076, 4.3187 by changing the saturation by 10% instead.

■ 20.5269, 22.6076,
4.3187

■ 20.5269, 22.6076,
4.3187

247.5330,
265.7031, 151.7045

■ 12.8891, 14.3040,
1.8018

■ 43.7961, 47.7482,
14.7384

■ 7.4287, 8.3324,
0.4291

■ 60.1581, 65.3540,
23.4781

■ 3.7803, 4.3084,
0.0000

■ 80.1590, 86.8294,
35.1293

■ 1.5786, 1.8475,
0.0000

■ 104.1641,
112.5587, 50.1104

■ 0.3784, 0.5165,
0.0000

■ 132.5386,
142.9263, 68.8399

■ 0.0000, 0.0000,
0.0000

■ 165.6481,

178.3166, 91.7364

203.8577,
219.1141, 119.2184

20.5269, 22.6076,
4.3187

20.5269, 22.6076,
4.3187

20.1207, 22.0037,
3.5411

21.0260, 23.2594,
5.5535

19.8293, 21.5291,
3.1104

21.6279, 23.9605,
7.3042

22.3430, 24.7158,
9.6225

23.1796, 25.5290,
12.5531

24.1456, 26.4030,
16.1366

■ 25.2480, 27.3408,
20.4098

■ 26.4933, 28.3451,
25.4070

■ 27.8875, 29.4182,
31.1601

■ 29.4365, 30.5627,
37.6990

Harmonies

Analogous

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



26.6890, 22.6076, 5.3136



20.5269, 22.6076, 4.3187



15.6050, 22.6076, 6.3838

Triad

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



20.5269, 22.6076, 4.3187



13.4344, 22.6076, 48.4085



33.5447, 22.6076, 41.2024

Complementary

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



20.5269, 22.6076, 4.3187



6.6981, 4.1725, 28.4693

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.



28.6896, 22.6076, 62.2335



20.5269, 22.6076, 4.3187



17.0105, 22.6076, 67.5644

Square

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



20.5269, 22.6076, 4.3187



12.0187, 22.6076, 27.5170



22.4783, 22.6076, 73.5305



34.9539, 22.6076, 21.9261

Rectangle

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



20.5269, 22.6076, 4.3187



13.4489, 22.6076, 10.2212



22.4783, 22.6076, 73.5305



32.2228, 22.6076, 48.5361

Sweetspot

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



20.5274, 22.6087, 4.3192



43.7915, 47.6085, 33.0420



13.0814, 7.2706, 3.2120



9.8556, 10.7477, 6.9968



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.5274, 22.6087, 4.3192



35.0110, 37.9997, 5.5992



16.6903, 24.3018, 4.8482



6.1967, 6.6072, 6.1892



16.9523, 18.4190, 2.6617



0.2228, 0.2561, 0.0377

Inverse Universe

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



6.6981, 4.1725, 28.4693



9.9475, 4.7336, 49.8240



8.2166, 4.2003, 28.3946



5.5613, 5.7566, 7.2878



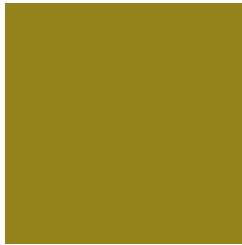
4.8045, 2.3037, 24.1225



0.0714, 0.0535, 0.2995

Previews

White Background



This preview shows how the XYZ color 20.5269, 22.6076, 4.3187 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 20.5269, 22.6076, 4.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

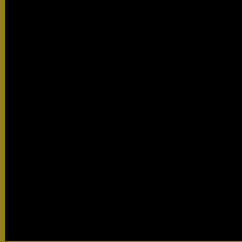
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.5269, 22.6076, 4.3187

Background



This preview shows how black text looks on a background with the XYZ color 20.5269, 22.6076, 4.3187.



This preview shows how white text looks on a background with the XYZ color 20.5269, 22.6076,

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

20.5269, 22.6076, 4.3187

Protanopia

20.3468, 22.5148, 4.3103

Deuteranopia

22.9720, 22.5136, 4.4311



Tritanopia

24.5738, 22.5263, 24.5256

Trichromacy



Original Color

20.5269, 22.6076, 4.3187

Protanomaly

20.3468, 22.5148, 4.3103

Deuteranomaly

22.1218, 22.6434, 4.4330

Tritanomaly

22.2583, 22.1329, 13.4549

Monochromacy



Original Color

20.5269, 22.6076, 4.3187

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.0654, 20.8866, 12.4778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5269, 22.6076, 4.3187 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(148, 131, 27)` looks like.

```
.text, #text, p{  
    color:rgb(148, 131, 27)  
}
```

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(148, 131, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 131, 27) }
```

Border

The CSS property to change the border of an element to XYZ 20.5269, 22.6076, 4.3187 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(148, 131, 27) }
```


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

```
.border{ border-color:rgb(148, 131, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 131, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 131, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 131, 27);  
box-shadow:4px 4px 4px 4px rgb(148, 131,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5269, 22.6076, 4.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 131, 27) }
```

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

```
.background{ background-color: rgb(148,  
131, 27) }
```

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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