

Converting Colors

XYZ(20.9076, 20.5484, 3.9628)

Have a look what the booklet for
XYZ(20.9076, 20.5484, 3.9628)
contains.

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Color

**XYZ(20.9070, 20.5466,
3.9626)**

Conversions

Conversions Part 1

Format	Color
Hex	9E771C
RGB	158, 119, 28
RGB Percent	62%, 47%, 11%
CMY	0.3804, 0.5333, 0.8902
CMYK	0.00, 0.25, 0.82, 0.38
HSL	42°, 70%, 36%
HSV	42°, 82%, 62%
XYZ	20.9070, 20.5466, 3.9626
YIQ	120.2870, 52.4550, -20.0330

Conversions

Conversions Part 2

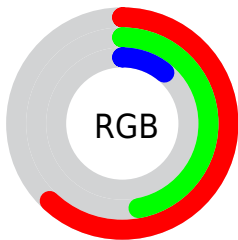
Format	Color
R_{YB}	84, 158, 28
Decimal	10385180
CIE _{Lab}	52.45, 6.78, 51.74
CIE _{LCh}	52, 52.181, 82.531
Yxy	20.5466, 0.4603, 0.4524
Android (android.graphics.Color)	4288575260 (0xFF9E771C)
YUV	120.2870, -45.4975, 33.0743
Hunter-Lab	45.3284, 3.0057, 26.5467

Details

The XYZ color **20.9070, 20.5466, 3.9626** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.6576, 6.7297, 33.1902**, and the grayscale version is **18.0747, 19.0160, 20.7084**.

A 20% lighter version of the original color is **44.3670, 44.3188, 14.0006**, and **7.7327, 7.3313, 1.0075** is the 20% darker color. If you saturate the color by 10%, you get **20.2153, 19.3906, 3.0317**, and if you desaturate by 10%, it is **21.7270, 21.8006, 5.4264**.

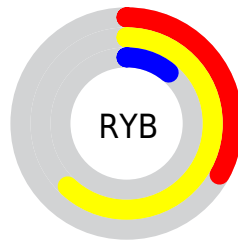
Distribution



Red (62%)

Green (47%)

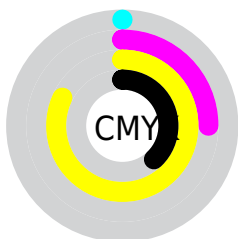
Blue (11%)



Red (33%)

Yellow (62%)

Blue (11%)

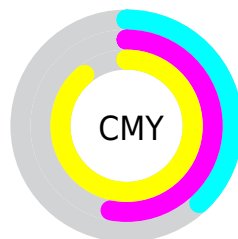


Cyan (0%)

Magenta (25%)

Yellow (82%)

Black (38%)



Cyan (38%)

Magenta (53%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9070, 20.5466, 3.9626 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 20.9070, 20.5466, 3.9626 by changing the saturation by 10% instead.

■ 20.9070, 20.5466,
3.9626

■ 20.9070, 20.5466,
3.9626

249.5249,
254.8590, 147.8088

■ 13.1681, 12.7930,
1.6048

■ 44.4251, 44.3317,
13.9234

■ 7.6222, 7.2862,
0.2943

■ 60.9351, 61.1320,
22.3636

■ 3.9039, 3.6417,
0.0000

■ 81.0995, 81.7167,
33.6682

■ 1.6479, 1.4752,
0.0000

■ 105.2836,
106.4701, 48.2560

■ 0.4233, 0.2712,
0.0000

■ 133.8529,
135.7766, 66.5454

■ 0.0000, 0.0000,
0.0000

■ 167.1726,

170.0207, 88.9550

205.6082,
209.5867, 115.9032

20.9070, 20.5466,
3.9626

20.9070, 20.5466,
3.9626

20.2153, 19.3906,
3.0317

21.7270, 21.8006,
5.4264

19.7418, 18.5517,
2.5403

22.6880, 23.1559,
7.4940

23.8024, 24.6188,
10.2267

25.0807, 26.1941,
13.6777

26.5323, 27.8863,
17.8951

■ 28.1659, 29.6993,
22.9225

■ 29.9894, 31.6369,
28.8004

■ 32.0105, 33.7028,
35.5665

■ 34.2360, 35.9002,
43.2562

Harmonies

Analogous

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



26.5347, 20.5466, 6.1175



20.9070, 20.5466, 3.9626



15.8215, 20.5466, 4.6321

Triad

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



20.9070, 20.5466, 3.9626



11.4365, 20.5466, 35.7783



28.9613, 20.5466, 45.7149

Complementary

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



20.9070, 20.5466, 3.9626



8.6576, 6.7297, 33.1902

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.



23.7746, 20.5466, 62.5001



20.9070, 20.5466, 3.9626



13.8795, 20.5466, 55.1566

Square

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



20.9070, 20.5466, 3.9626



10.9514, 20.5466, 18.7319



18.2128, 20.5466, 66.5793



31.7096, 20.5466, 26.4550

Rectangle

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



20.9070, 20.5466, 3.9626



13.3286, 20.5466, 6.8551



18.2128, 20.5466, 66.5793



27.4042, 20.5466, 52.1386

Sweetspot

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



20.9075, 20.5476, 3.9630



50.1595, 52.8521, 38.5296



15.5290, 8.5050, 6.1338



11.0867, 11.6695, 8.0036



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.9075, 20.5476, 3.9630



35.7754, 33.5203, 4.6438



21.9522, 29.4430, 5.6249



7.0021, 7.3841, 7.0419



15.8468, 14.9292, 2.0464



0.3183, 0.3368, 0.0482

Inverse Universe

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



8.6576, 6.7297, 33.1902



13.0334, 8.0964, 59.6193



8.1083, 4.0837, 32.7084



6.4389, 6.7435, 8.3689



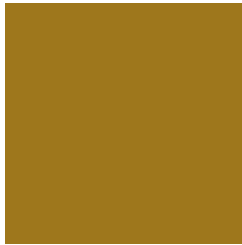
5.8007, 3.6930, 26.3143



0.1382, 0.1350, 0.4820

Previews

White Background



This preview shows how the XYZ color 20.9070, 20.5466, 3.9626 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 20.9070, 20.5466, 3.9626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

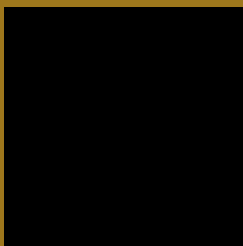
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.9070, 20.5466, 3.9626

Background



This preview shows how black text looks on a background with the XYZ color 20.9070, 20.5466, 3.9626.



This preview shows how white text looks on a background with the XYZ color 20.9070, 20.5466,

3.9626.

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

20.9070, 20.5466, 3.9626

Protanopia

18.6797, 20.6782, 4.2351

Deuteranopia

20.9070, 20.5466, 3.9626



Tritanopia

24.3241, 20.5933, 20.1457

Trichromacy



Original Color

20.9070, 20.5466, 3.9626

Protanomaly

19.3374, 20.4577, 4.0919

Deuteranomaly

20.9070, 20.5466, 3.9626

Tritanomaly

22.5973, 20.3879, 11.5483

Monochromacy



Original Color

20.9070, 20.5466, 3.9626

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.2683, 19.1894, 11.7579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9070, 20.5466, 3.9626 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(158, 119, 28)` looks like.

```
.text, #text, p{  
    color:rgb(158, 119, 28)  
}
```

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(158, 119, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 119, 28) }
```

Border

The CSS property to change the border of an element to XYZ 20.9070, 20.5466, 3.9626 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(158, 119, 28) }
```


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

```
.border{ border-color:rgb(158, 119, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 119, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 119, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 119, 28);  
box-shadow:4px 4px 4px 4px rgb(158, 119,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9070, 20.5466, 3.9626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 119, 28) }
```

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

```
.background{ background-color: rgb(158,  
119, 28) }
```

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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