

Converting Colors

XYZ(27.1721, 24.5398, 3.9317)

Have a look what the booklet for
XYZ(27.1721, 24.5398, 3.9317)
contains.

XYZ(27.2081, 24.5272, 3.9163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.2081, 24.5272,
3.9163)**

Conversions

Conversions Part 1

Format	Color
Hex	B97B13
RGB	185, 123, 19
RGB Percent	73%, 48%, 7%
CMY	0.2745, 0.5176, 0.9255
CMYK	0.00, 0.34, 0.90, 0.27
HSL	38°, 81%, 40%
HSV	38°, 90%, 73%
XYZ	27.2081, 24.5272, 3.9163
YIQ	129.6820, 70.3360, -19.2000

Conversions

Conversions Part 2

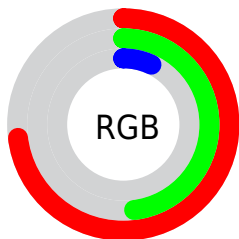
Format	Color
R_{YB}	118, 185, 19
Decimal	12155667
CIE _{Lab}	56.61, 16.54, 59.17
CIE _{LCh}	57, 61.443, 74.380
Yxy	24.5272, 0.4889, 0.4407
Android (android.graphics.Color)	4290345747 (0xFFB97B13)
YUV	129.6820, -54.5662, 48.5139
Hunter-Lab	49.5249, 11.3960, 29.9790

Details

The XYZ color **27.2081, 24.5272, 3.9163** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.9680, 9.5261, 47.1066**, and the grayscale version is **21.2757, 22.3837, 24.3758**.

A 20% lighter version of the original color is **54.6405, 50.7746, 13.7581**, and **11.0530, 9.3332, 1.2189** is the 20% darker color. If you saturate the color by 10%, you get **26.2667, 22.8282, 3.0364**, and if you desaturate by 10%, it is **28.3206, 26.3935, 5.3940**.

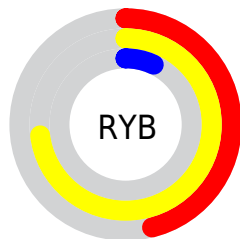
Distribution



Red (73%)

Green (48%)

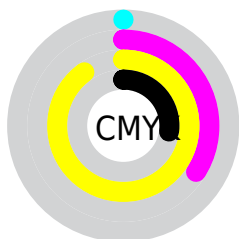
Blue (7%)



Red (46%)

Yellow (73%)

Blue (7%)

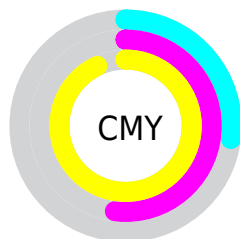


Cyan (0%)

Magenta (34%)

Yellow (90%)

Black (27%)



Cyan (27%)

Magenta (52%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2081, 24.5272, 3.9163 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 27.2081, 24.5272, 3.9163 by changing the saturation by 10% instead.

■ 27.2081, 24.5272,
3.9163

■ 27.2081, 24.5272,
3.9163

280.8125,
275.4751, 147.2905

■ 17.8670, 15.7252,
1.5795

■ 54.6352, 50.8892,
13.8163

■ 10.9536, 9.3299,
0.2762

■ 73.4518, 69.2179,
22.2165

■ 6.1027, 4.9570,
0.0000

■ 96.1576, 91.4909,
33.4751

■ 2.9489, 2.2220,
0.0000

■ 123.1181,
118.0927, 48.0104

■ 1.1268, 0.7320,
0.0000

■ 154.6984,
149.4076, 66.2411

■ 0.0474, 0.0000,
0.0000

■ 191.2640,

■ 0.0000, 0.0000,

185.8201, 88.5856

0.0000

233.1803,
227.7144, 115.4625

27.2081, 24.5272,
3.9163

27.2081, 24.5272,
3.9163

26.2667, 22.8282,
3.0364

28.3206, 26.3935,
5.3940

26.2421, 22.7836,
3.0146

29.6420, 28.4410,
7.6694

31.1934, 30.6812,
10.8462

32.9926, 33.1228,
15.0116

35.0551, 35.7740,
20.2427

■ 37.3951, 38.6422,
26.6087

■ 40.0257, 41.7341,
34.1730

■ 42.9590, 45.0564,
42.9943

■ 46.2062, 48.6151,
53.1273

Harmonies

Analogous

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



34.5665, 24.5272, 7.5646



27.2081, 24.5272, 3.9163



20.0662, 24.5272, 3.8553

Triad

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



27.2081, 24.5272, 3.9163



12.3816, 24.5272, 37.7098



34.2939, 24.5272, 65.8200

Complementary

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



27.2081, 24.5272, 3.9163



11.9680, 9.5261, 47.1066

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.



26.8910, 24.5272, 85.7725



27.2081, 24.5272, 3.9163



14.8119, 24.5272, 64.7277

Square

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



27.2081, 24.5272, 3.9163



12.4321, 24.5272, 17.4559



19.8075, 24.5272, 85.2937



39.1925, 24.5272, 38.7543

Rectangle

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



27.2081, 24.5272, 3.9163



16.3872, 24.5272, 5.6239



19.8075, 24.5272, 85.2937



31.9564, 24.5272, 74.0776

Sweetspot

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



27.2086, 24.5285, 3.9168



68.0048, 70.4380, 50.5593



21.7878, 11.3991, 9.1621



14.3343, 14.7947, 9.9830



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.2086, 24.5285, 3.9168



46.7683, 40.3425, 5.3219



33.1156, 42.8122, 7.1345



9.4607, 9.9243, 9.5239



17.9403, 15.6570, 2.0766



0.6897, 0.6665, 0.0923

Inverse Universe

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



11.9680, 9.5261, 47.1066



19.2996, 13.5053, 83.7942



9.8030, 4.3879, 46.2289



8.7885, 9.2543, 11.4025



7.4805, 5.4207, 31.9051



0.3239, 0.3116, 1.1448

Previews

White Background



This preview shows how the XYZ color 27.2081, 24.5272, 3.9163 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 27.2081, 24.5272, 3.9163 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 27.2081, 24.5272, 3.9163

Background



This preview shows how black text looks on a background with the XYZ color 27.2081, 24.5272, 3.9163.



This preview shows how white text looks on a background with the XYZ color 27.2081, 24.5272,

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

27.2081, 24.5272, 3.9163

Protanopia

22.2372, 24.7255, 4.4111

Deuteranopia

24.9299, 24.4977, 3.7624



Tritanopia

30.8277, 24.4118, 21.8261

Trichromacy



Original Color

27.2081, 24.5272, 3.9163

Protanomaly

23.9131, 24.5598, 4.2392

Deuteranomaly

25.8071, 24.5603, 3.8324

Tritanomaly

28.7400, 24.0698, 11.7255

Monochromacy



Original Color

27.2081, 24.5272, 3.9163

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.0125, 22.4010, 12.8365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2081, 24.5272, 3.9163 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(185, 123, 19)` looks like.

```
.text, #text, p{  
    color:rgb(185, 123, 19)  
}
```

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(185, 123, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 123, 19) }
```

Border

The CSS property to change the border of an element to XYZ 27.2081, 24.5272, 3.9163 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(185, 123, 19) }
```


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

```
.border{ border-color:rgb(185, 123, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 123, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 123, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 123, 19);  
box-shadow:4px 4px 4px 4px rgb(185, 123,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2081, 24.5272, 3.9163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 123, 19) }
```

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

```
.background{ background-color: rgb(185,  
123, 19) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor