

Converting Colors

XYZ(24.9647, 24.0190, 8.6305)

Have a look what the booklet for
XYZ(24.9647, 24.0190, 8.6305)
contains.

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Color

**XYZ(24.9647, 24.0190,
8.6305)**

Conversions

Conversions Part 1

Format	Color
Hex	A97F43
RGB	169, 127, 67
RGB Percent	66%, 50%, 26%
CMY	0.3373, 0.5019, 0.7372
CMYK	0.00, 0.25, 0.60, 0.34
HSL	35°, 43%, 46%
HSV	35°, 60%, 66%
XYZ	24.9647, 24.0190, 8.6305
YIQ	132.7180, 44.2920, -9.7560

Conversions

Conversions Part 2

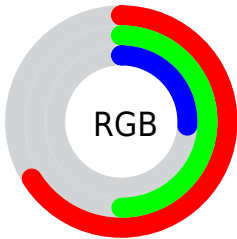
Format	Color
R_{YB}	138, 169, 67
Decimal	11108163
CIE _{Lab}	56.11, 9.40, 38.41
CIE _{LCh}	56, 39.544, 76.244
Yxy	24.0190, 0.4333, 0.4169
Android (android.graphics.Color)	4289298243 (0xFFA97F43)
YUV	132.7180, -32.3990, 31.8193
Hunter-Lab	49.0092, 5.1597, 23.8655

Details

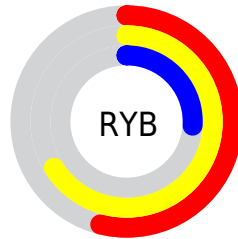
The XYZ color **24.9647, 24.0190, 8.6305** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.9446, 14.9945, 39.6426**, and the grayscale version is **22.2950, 23.4561, 25.5437**.

A 20% lighter version of the original color is **51.2107, 50.2578, 23.8312**, and **9.7814, 9.0732, 1.8519** is the 20% darker color. If you saturate the color by 10%, you get **23.6621, 22.1103, 6.0497**, and if you desaturate by 10%, it is **26.4785, 26.1134, 12.0121**.

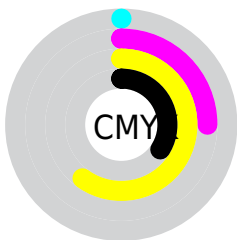
Distribution



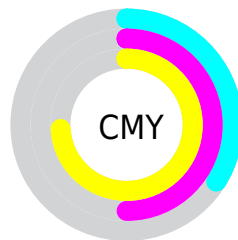
- Red (66%)
- Green (50%)
- Blue (26%)



- Red (54%)
- Yellow (66%)
- Blue (26%)



- Cyan (0%)
- Magenta (25%)
- Yellow (60%)
- Black (34%)





- Cyan (34%)
- Magenta (50%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9647, 24.0190, 8.6305 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 24.9647, 24.0190, 8.6305 by changing the saturation by 10% instead.


 24.9647, 24.0190,
8.6305


 24.9647, 24.0190,
8.6305


270.0130,
272.9165, 190.7125

 16.1793, 15.3477,
4.4075


 51.0433, 50.0612,
23.7518


 9.7428, 9.0638,
1.8514


 69.0672, 68.2009,
35.4871

 5.2897, 4.7828,
0.4616

 90.9013, 90.2656,
50.5636

 2.4547, 2.1204,
0.0000

 116.9111,
116.6395, 69.3998

 0.8725, 0.6761,
0.0000

 147.4617,
147.7072, 92.4142

 0.0000, 0.0000,
0.0000

182.9187,

183.8530, 120.0254

223.6473,
225.4613, 152.6520

■ 24.9647, 24.0190,
8.6305

■ 24.9647, 24.0190,
8.6305

■ 23.6621, 22.1103,
6.0497

■ 26.4785, 26.1134,
12.0121

■ 22.5545, 20.3759,
4.1979

■ 28.2146, 28.3971,
16.2551

■ 21.6254, 18.8082,
2.9927

■ 30.1854, 30.8778,
21.4157

■ 20.8637, 17.4381,
2.2663

■ 32.4016, 33.5616,
27.5451

■ 34.8732, 36.4543,
34.6905

■ 37.6096, 39.5614,
42.8960

■ 40.6198, 42.8882,
52.2033

■ 43.9121, 46.4397,
62.6515

■ 47.4946, 50.2207,
74.2781

Harmonies

Analogous

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



29.4015, 24.0190, 11.9514



24.9647, 24.0190, 8.6305



20.4776, 24.0190, 8.7651

Triad

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



24.9647, 24.0190, 8.6305



15.4437, 24.0190, 33.7729



29.7193, 24.0190, 47.4867

Complementary

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



24.9647, 24.0190, 8.6305



14.9446, 14.9945, 39.6426

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.



25.3546, 24.0190, 58.1735



24.9647, 24.0190, 8.6305



17.3177, 24.0190, 48.6362

Square

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



24.9647, 24.0190, 8.6305



15.3684, 24.0190, 20.6560



20.8194, 24.0190, 58.6527



32.3823, 24.0190, 32.5469

Rectangle

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



24.9647, 24.0190, 8.6305



18.0553, 24.0190, 10.7474



20.8194, 24.0190, 58.6527



28.3784, 24.0190, 51.8842

Sweetspot

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



24.9653, 24.0202, 8.6310



58.8914, 61.1292, 51.7823



21.1568, 13.5644, 16.1129



12.5778, 13.0172, 10.5542



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.9653, 24.0202, 8.6310



41.7606, 38.6551, 9.7323



29.7985, 36.3064, 10.7477



7.8840, 8.2481, 7.9658



15.6033, 13.1039, 1.7069



0.4282, 0.4159, 0.0577

Inverse Universe

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



14.9446, 14.9945, 39.6426



22.2890, 21.1630, 70.1352



12.1097, 8.3952, 38.5182



7.3760, 7.7889, 9.5330



7.0005, 5.4612, 28.6606



0.2210, 0.2343, 0.7142

Previews

White Background



This preview shows how the XYZ color 24.9647, 24.0190, 8.6305 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 24.9647, 24.0190, 8.6305 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 24.9647, 24.0190, 8.6305

Background



This preview shows how black text looks on a background with the XYZ color 24.9647, 24.0190, 8.6305.



This preview shows how white text looks on a background with the XYZ color 24.9647, 24.0190,

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

24.9647, 24.0190, 8.6305

Protanopia

22.1639, 24.1597, 9.2895

Deuteranopia

24.4582, 23.9506, 8.6440



Tritanopia

28.1345, 24.0166, 23.9217

Trichromacy



Original Color

24.9647, 24.0190, 8.6305

Protanomaly

23.0357, 24.0001, 9.0486

Deuteranomaly

24.6686, 24.0591, 8.6539

Tritanomaly

26.6977, 23.9772, 16.8566

Monochromacy



Original Color

24.9647, 24.0190, 8.6305

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.7307, 23.4477, 17.7958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9647, 24.0190, 8.6305 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(169, 127, 67)` looks like.

```
.text, #text, p{  
    color:rgb(169, 127, 67)  
}
```

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(169, 127, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 127, 67) }
```

Border

The CSS property to change the border of an element to XYZ 24.9647, 24.0190, 8.6305 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(169, 127, 67) }
```


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

```
.border{ border-color:rgb(169, 127, 67) }
```

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

Here you see how a box with a 4 pixel rgb(169, 127, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 127, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 127, 67);  
box-shadow:4px 4px 4px 4px rgb(169, 127,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9647, 24.0190, 8.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 127, 67) }
```

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

```
.background{ background-color: rgb(169,  
127, 67) }
```

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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