

Converting Colors

XYZ(24.9649, 24.7506, 6.1211)

Have a look what the booklet for
XYZ(24.9649, 24.7506, 6.1211)
contains.

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Color

**XYZ(24.8579, 24.6055,
6.1285)**

Conversions

Conversions Part 1

Format	Color
Hex	A9822F
RGB	169, 130, 47
RGB Percent	66%, 51%, 18%
CMY	0.3373, 0.4902, 0.8157
CMYK	0.00, 0.23, 0.72, 0.34
HSL	41°, 56%, 42%
HSV	41°, 72%, 66%
XYZ	24.8579, 24.6055, 6.1285
YIQ	132.1990, 49.8870, -17.5450

Conversions

Conversions Part 2

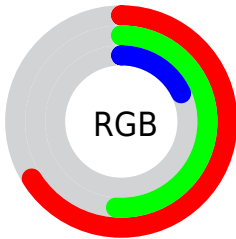
Format	Color
R_{YB}	104, 169, 47
Decimal	11108911
CIE _{Lab}	56.69, 6.44, 48.68
CIE _{LCh}	57, 49.103, 82.468
Yxy	24.6055, 0.4471, 0.4426
Android (android.graphics.Color)	4289298991 (0xFFA9822F)
YUV	132.1990, -42.0031, 32.2745
Hunter-Lab	49.6039, 2.6444, 27.3976

Details

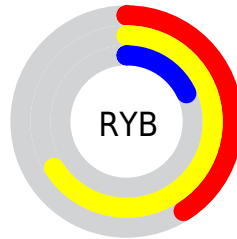
The XYZ color **24.8579, 24.6055, 6.1285** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.6614, 10.1241, 38.8754**, and the grayscale version is **22.1389, 23.2918, 25.3648**.

A 20% lighter version of the original color is **50.8166, 51.0797, 18.7363**, and **9.7525, 9.3956, 1.2995** is the 20% darker color. If you saturate the color by 10%, you get **23.8812, 23.0961, 4.4345**, and if you desaturate by 10%, it is **26.0055, 26.2456, 8.5312**.

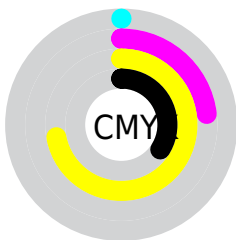
Distribution



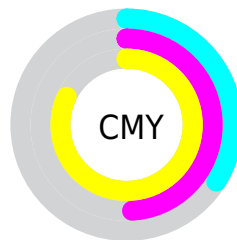
- Red (66%)
- Green (51%)
- Blue (18%)



- Red (41%)
- Yellow (66%)
- Blue (18%)



- Cyan (0%)
- Magenta (23%)
- Yellow (72%)
- Black (34%)



- Cyan (34%)
- Magenta (49%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8579, 24.6055, 6.1285 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 24.8579, 24.6055, 6.1285 by changing the saturation by 10% instead.

■ 24.8579, 24.6055,
6.1285

■ 24.8579, 24.6055,
6.1285

269.4902,
275.8676, 169.5583

■ 16.0994, 15.7834,
2.8533

■ 50.8712, 51.0165,
18.6793

■ 9.6858, 9.3710,
1.0202

■ 68.8566, 69.3742,
28.7920

■ 5.2518, 4.9840,
0.0000

■ 90.6484, 91.6792,
42.0209

■ 2.4320, 2.2379,
0.0000

■ 116.6119,
118.3159, 58.7846

■ 0.8611, 0.7405,
0.0000

■ 147.1125,
149.6686, 79.5017

■ 0.0000, 0.0000,
0.0000

■ 182.5155,

186.1219, 104.5906

223.1863,
228.0601, 134.4700

■ 24.8579, 24.6055,
6.1285

■ 24.8579, 24.6055,
6.1285

■ 23.8812, 23.0961,
4.4345

■ 26.0055, 26.2456,
8.5312

■ 23.0568, 21.7061,
3.3621

■ 27.3365, 28.0194,
11.7133

■ 22.4906, 20.6921,
2.8086

■ 28.8640, 29.9338,
15.7382

■ 30.5991, 31.9944,
20.6627

■ 32.5523, 34.2060,
26.5384

■ 34.7330, 36.5733,
33.4129

■ 37.1502, 39.1006,
41.3308

■ 39.8122, 41.7921,
50.3339

■ 42.7271, 44.6519,
60.4617

Harmonies

Analogous

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



30.7452, 24.6055, 8.7743



24.8579, 24.6055, 6.1285



19.4313, 24.6055, 6.9556

Triad

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



24.8579, 24.6055, 6.1285



14.6264, 24.6055, 40.7177



33.2349, 24.6055, 50.9186

Complementary

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



24.8579, 24.6055, 6.1285



11.6614, 10.1241, 38.8754

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.



27.8456, 24.6055, 67.6987



24.8579, 24.6055, 6.1285



17.3074, 24.6055, 60.3260

Square

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



24.8579, 24.6055, 6.1285



14.0920, 24.6055, 22.8718



21.9749, 24.6055, 71.7057



36.0688, 24.6055, 31.1346

Rectangle

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



24.8579, 24.6055, 6.1285



16.7207, 24.6055, 9.6289



21.9749, 24.6055, 71.7057



31.6240, 24.6055, 57.3805

Sweetspot

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



24.8585, 24.6067, 6.1290



58.2237, 61.1771, 47.2947



19.1264, 11.1673, 10.3080



12.4863, 13.1066, 9.6841



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.



24.8585, 24.6067, 6.1290



41.8003, 39.7546, 6.6011



27.0347, 34.9393, 8.0087



7.9417, 8.3634, 7.9850



16.8121, 15.5214, 2.1098



0.4521, 0.4638, 0.0657

Inverse Universe

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



11.6614, 10.1241, 38.8754



16.9322, 12.6115, 68.7669



10.5158, 6.1030, 38.1596



7.3203, 7.6774, 9.5144



6.3649, 4.1900, 28.4488



0.2006, 0.1935, 0.7074

Previews

White Background



This preview shows how the XYZ color 24.8579, 24.6055, 6.1285 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 24.8579, 24.6055, 6.1285 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 24.8579, 24.6055, 6.1285

Background



This preview shows how black text looks on a background with the XYZ color 24.8579, 24.6055, 6.1285.



This preview shows how white text looks on a background with the XYZ color 24.8579, 24.6055,

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

24.8579, 24.6055, 6.1285

Protanopia

22.4489, 24.7885, 6.5072

Deuteranopia

24.9409, 24.4518, 6.0945



Tritanopia

28.7355, 24.6717, 24.7203

Trichromacy



Original Color

24.8579, 24.6055, 6.1285

Protanomaly

23.1591, 24.5327, 6.3110

Deuteranomaly

24.9409, 24.4518, 6.0945

Tritanomaly

26.8674, 24.4716, 15.3640

Monochromacy



Original Color

24.8579, 24.6055, 6.1285

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.1423, 23.1919, 15.6214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8579, 24.6055, 6.1285 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, 130, 47)` looks like.

```
.text, #text, p{  
    color:rgb(169, 130, 47)  
}
```

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, 130, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 130, 47) }
```

Border

The CSS property to change the border of an element to XYZ 24.8579, 24.6055, 6.1285 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, 130, 47) }
```


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

```
.border{ border-color:rgb(169, 130, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 130, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 130, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 130, 47);  
box-shadow:4px 4px 4px 4px rgb(169, 130,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8579, 24.6055, 6.1285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 130, 47) }
```

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

```
.background{ background-color: rgb(169,  
130, 47) }
```

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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