

Converting Colors

XYZ(24.6851, 26.5686, 9.8560)

Have a look what the booklet for
XYZ(24.6851, 26.5686, 9.8560)
contains.

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Color

**XYZ(24.6160, 26.4802,
9.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8C47
RGB	158, 140, 71
RGB Percent	62%, 55%, 28%
CMY	0.3804, 0.4510, 0.7216
CMYK	0.00, 0.11, 0.55, 0.38
HSL	48°, 38%, 45%
HSV	48°, 55%, 62%
XYZ	24.6160, 26.4802, 9.7750
YIQ	137.5160, 32.8770, -17.6430

Conversions

Conversions Part 2

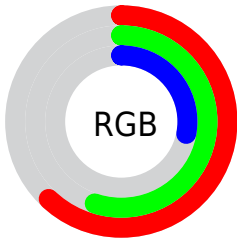
Format	Color
R_{YB}	94, 158, 71
Decimal	10390599
CIE Lab	58.49, -2.37, 38.88
CIE LCh	58, 38.950, 93.485
Yxy	26.4802, 0.4044, 0.4350
Android (android.graphics.Color)	4288580679 (0xFF9E8C47)
YUV	137.5160, -32.7924, 17.9645
Hunter-Lab	51.4589, -4.6655, 24.7587

Details

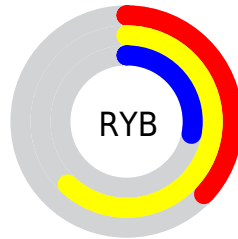
The XYZ color **24.6160, 26.4802, 9.7750** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.3424, 10.9526, 33.8113**, and the grayscale version is **24.0858, 25.3401, 27.5954**.

A 20% lighter version of the original color is **50.2527, 53.8165, 25.8282**, and **9.5099, 10.3133, 2.2485** is the 20% darker color. If you saturate the color by 10%, you get **23.7031, 25.3632, 7.2861**, and if you desaturate by 10%, it is **25.6762, 27.6808, 12.9641**.

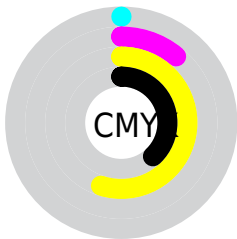
Distribution



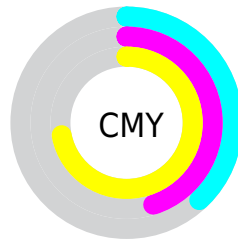
- Red (62%)
- Green (55%)
- Blue (28%)



- Red (37%)
- Yellow (62%)
- Blue (28%)



- Cyan (0%)
- Magenta (11%)
- Yellow (55%)
- Black (38%)



- Cyan (38%)
- Magenta (45%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6160, 26.4802, 9.7750 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 24.6160, 26.4802, 9.7750 by changing the saturation by 10% instead.

■ 24.6160, 26.4802,
9.7750

■ 24.6160, 26.4802,
9.7750

268.3032,
285.1315, 199.4847

■ 15.9184, 17.1832,
5.1464

■ 50.4810, 54.0486,
25.9726

■ 9.5569, 10.3652,
2.2732

■ 68.3790, 73.0889,
38.3787

■ 5.1662, 5.6418,
0.7161

■ 90.0747, 96.1456,
54.2143

■ 2.3808, 2.6285,
0.0000

■ 115.9332,
123.6033, 73.8980

■ 0.8356, 0.9410,
0.0000

■ 146.3199,
155.8464, 97.8484

■ 0.0000, 0.0000,
0.0000

181.6003,

193.2592, 126.4839

222.1396,
236.2260, 160.2232

■ 24.6160, 26.4802,
9.7750

■ 24.6160, 26.4802,
9.7750

■ 23.7031, 25.3632,
7.2861

■ 25.6762, 27.6808,
12.9641

■ 22.9252, 24.3217,
5.4408

■ 26.8912, 28.9653,
16.9010

■ 22.2705, 23.3518,
4.1762

■ 28.2704, 30.3385,
21.6309

■ 21.7238, 22.4472,
3.4118

■ 29.8216, 31.8037,
27.1951

■ 21.4744, 22.0168,
3.1178

■ 31.5522, 33.3642,
33.6319

■ 33.4693, 35.0229,
40.9772

■ 35.5792, 36.7826,
49.2650

■ 37.8883, 38.6459,
58.5275

■ 40.4024, 40.6154,
68.7953

Harmonies

Analogous

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



29.4833, 26.4802, 11.1531



24.6160, 26.4802, 9.7750



20.4458, 26.4802, 12.0212

Triad

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



24.6160, 26.4802, 9.7750



18.2761, 26.4802, 45.8618



34.2866, 26.4802, 42.2007

Complementary

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



24.6160, 26.4802, 9.7750



12.3424, 10.9526, 33.8113

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.



30.5679, 26.4802, 56.7117



24.6160, 26.4802, 9.7750



21.2969, 26.4802, 59.2517

Square

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



24.6160, 26.4802, 9.7750



17.0884, 26.4802, 30.4564



25.7295, 26.4802, 63.7422



35.4630, 26.4802, 27.2672

Rectangle

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



24.6160, 26.4802, 9.7750



18.5015, 26.4802, 15.8706



25.7295, 26.4802, 63.7422



33.2712, 26.4802, 47.4279

Sweetspot

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



24.6166, 26.4814, 9.7755



53.4884, 57.1365, 46.9559



18.1930, 12.5115, 11.0958



11.9379, 12.7681, 10.1491



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.



24.6166, 26.4814, 9.7755



42.7096, 45.6265, 12.3877



23.0925, 29.9238, 10.5203



7.0536, 7.4872, 7.0591



17.2274, 17.6905, 2.5066



0.3350, 0.3703, 0.0538

Inverse Universe

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



12.3424, 10.9526, 33.8113



18.1574, 14.6088, 60.6062



13.2122, 9.4433, 33.4741



6.3904, 6.6466, 8.3528



5.3955, 2.8825, 26.1792



0.1227, 0.1041, 0.4768

Previews

White Background



This preview shows how the XYZ color 24.6160, 26.4802, 9.7750 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 24.6160, 26.4802, 9.7750 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 24.6160, 26.4802, 9.7750

Background



This preview shows how black text looks on a background with the XYZ color 24.6160, 26.4802, 9.7750.



This preview shows how white text looks on a background with the XYZ color 24.6160, 26.4802,

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

24.6160, 26.4802, 9.7750

Protanopia

24.1798, 26.4732, 9.7967

Deuteranopia

26.9284, 26.4023, 9.8078



Tritanopia

28.6508, 26.4549, 29.1874

Trichromacy



Original Color

24.6160, 26.4802, 9.7750

Protanomaly

24.3725, 26.5726, 9.8057

Deuteranomaly

26.1223, 26.4010, 9.8500

Tritanomaly

26.7167, 26.2703, 20.1855

Monochromacy



Original Color

24.6160, 26.4802, 9.7750

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.9469, 25.6999, 19.6180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6160, 26.4802, 9.7750 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, 140, 71)` looks like.

```
.text, #text, p{  
    color:rgb(158, 140, 71)  
}
```

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, 140, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 140, 71) }
```

Border

The CSS property to change the border of an element to XYZ 24.6160, 26.4802, 9.7750 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, 140, 71) }
```


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

```
.border{ border-color:rgb(158, 140, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 140, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 140, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 140, 71);  
box-shadow:4px 4px 4px 4px rgb(158, 140,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6160, 26.4802, 9.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 140, 71) }
```

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

```
.background{ background-color: rgb(158,  
140, 71) }
```

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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