

Converting Colors

XYZ(24.6391, 26.8719, 12.4825)

Have a look what the booklet for
XYZ(24.6391, 26.8719, 12.4825)
contains.

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Color

**XYZ(24.6391, 26.8719,
12.4825)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8E55
RGB	154, 142, 85
RGB Percent	60%, 56%, 33%
CMY	0.3961, 0.4431, 0.6667
CMYK	0.00, 0.08, 0.45, 0.40
HSL	50°, 29%, 47%
HSV	50°, 45%, 60%
XYZ	24.6391, 26.8719, 12.4825
YIQ	139.0900, 25.4490, -15.1830

Conversions

Conversions Part 2

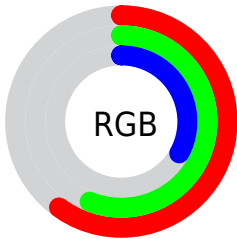
Format	Color
R_{YB}	100, 154, 85
Decimal	10128981
CIE Lab	58.86, -3.84, 31.90
CIE LCh	59, 32.134, 96.869
Yxy	26.8719, 0.3850, 0.4199
Android (android.graphics.Color)	4288319061 (0xFF9A8E55)
YUV	139.0900, -26.6664, 13.0761
Hunter-Lab	51.8381, -5.8741, 22.0098

Details

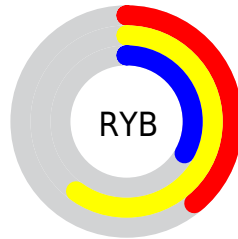
The XYZ color **24.6391, 26.8719, 12.4825** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.8536, 12.8133, 32.3148**, and the grayscale version is **24.6685, 25.9532, 28.2630**.

A 20% lighter version of the original color is **50.7622, 54.9591, 31.2253**, and **9.5438, 10.5609, 3.3692** is the 20% darker color. If you saturate the color by 10%, you get **23.6993, 25.8672, 9.4724**, and if you desaturate by 10%, it is **25.7229, 27.9515, 16.1982**.

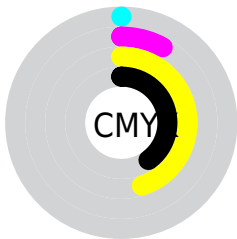
Distribution



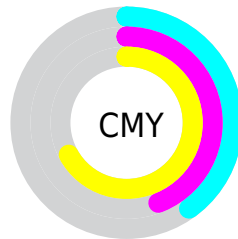
- Red (60%)
- Green (56%)
- Blue (33%)



- Red (39%)
- Yellow (60%)
- Blue (33%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6391, 26.8719, 12.4825 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 24.6391, 26.8719, 12.4825 by changing the saturation by 10% instead.

■ 24.6391, 26.8719,
12.4825

■ 24.6391, 26.8719,
12.4825

268.4167,
287.0363, 218.6640

■ 15.9357, 17.4770,
6.9467

■ 50.5183, 54.6782,
31.0483

■ 9.5692, 10.5752,
3.3508

■ 68.4247, 73.8585,
44.9154

■ 5.1743, 5.7820,
1.2764

■ 90.1295, 97.0694,
62.3966

■ 2.3857, 2.7130,
0.0424

■ 115.9981,
124.6952, 83.9105

■ 0.8380, 0.9838,
0.0000

■ 146.3957,
157.1204, 109.8757

■ 0.0000, 0.0000,
0.0000

181.6878,

194.7294, 140.7106

222.2397,
237.9066, 176.8339

■ 24.6391, 26.8719,
12.4825

■ 24.6391, 26.8719,
12.4825

■ 23.6993, 25.8672,
9.4724

■ 25.7229, 27.9515,
16.1982

■ 22.8929, 24.9301,
7.1203

■ 26.9568, 29.1056,
20.6597

■ 22.2106, 24.0577,
5.3752

■ 28.3489, 30.3384,
25.9062

■ 21.6410, 23.2454,
4.1781

■ 29.9060, 31.6529,
31.9735

■ 21.1702, 22.4874,
3.4545

■ 31.6346, 33.0517,
38.8954

■ 20.9450, 22.1073,
3.1632

■ 33.5408, 34.5374,
46.7037

■ 35.6303, 36.1123,
55.4285

■ 37.9088, 37.7788,
65.0986

■ 40.3814, 39.5391,
75.7414

Harmonies

Analogous

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



28.6576, 26.8719, 13.4114



24.6391, 26.8719, 12.4825



21.2305, 26.8719, 15.0261

Triad

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



24.6391, 26.8719, 12.4825



19.9094, 26.8719, 44.4281



33.2210, 26.8719, 38.7115

Complementary

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



24.6391, 26.8719, 12.4825



13.8536, 12.8133, 32.3148

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.



30.3986, 26.8719, 50.4572



24.6391, 26.8719, 12.4825



22.6589, 26.8719, 54.3101

Square

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



24.6391, 26.8719, 12.4825



18.6890, 26.8719, 31.9513



26.4645, 26.8719, 56.7628



33.8912, 26.8719, 26.7222

Rectangle

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



24.6391, 26.8719, 12.4825



19.6686, 26.8719, 18.8657



26.4645, 26.8719, 56.7628



32.4792, 26.8719, 42.9033

Sweetspot

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



24.6398, 26.8731, 12.4831



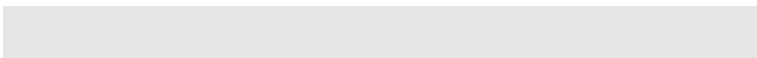
51.9150, 55.4712, 48.6630



18.7632, 14.2425, 13.2293



11.6236, 12.4461, 10.5264



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.6398, 26.8731, 12.4831



43.0079, 46.9409, 17.0725



22.7346, 28.6847, 12.9331



6.6175, 7.0401, 6.6159



17.0875, 18.0573, 2.5848



0.2767, 0.3125, 0.0457

Inverse Universe

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



13.8536, 12.8133, 32.3148



20.8241, 18.0438, 57.9215



15.1269, 11.9469, 32.0805



5.9670, 6.1914, 7.8095



5.0867, 2.5700, 25.1357



0.0951, 0.0765, 0.3821

Previews

White Background



This preview shows how the XYZ color 24.6391, 26.8719, 12.4825 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 24.6391, 26.8719, 12.4825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

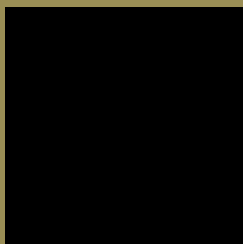
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6391, 26.8719, 12.4825

Background



This preview shows how black text looks on a background with the XYZ color 24.6391, 26.8719, 12.4825.



This preview shows how white text looks on a background with the XYZ color 24.6391, 26.8719,

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

24.6391, 26.8719, 12.4825

Protanopia

24.8303, 26.9704, 12.4915

Deuteranopia

27.3975, 26.7867, 12.7432



Tritanopia

28.2720, 26.8459, 30.4797

Trichromacy



Original Color

24.6391, 26.8719, 12.4825

Protanomaly

24.8303, 26.9704, 12.4915

Deuteranomaly

26.2852, 26.8482, 12.6009

Tritanomaly

26.7642, 26.8761, 22.5159

Monochromacy



Original Color

24.6391, 26.8719, 12.4825

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2095, 26.0174, 21.1986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6391, 26.8719, 12.4825 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(154, 142, 85)` looks like.

```
.text, #text, p{  
    color:rgb(154, 142, 85)  
}
```

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(154, 142, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 142, 85) }
```

Border

The CSS property to change the border of an element to XYZ 24.6391, 26.8719, 12.4825 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(154, 142, 85) }
```


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

```
.border{ border-color:rgb(154, 142, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 142, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 142, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 142, 85);  
box-shadow:4px 4px 4px 4px rgb(154, 142,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6391, 26.8719, 12.4825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 142, 85) }
```

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

```
.background{ background-color: rgb(154,  
142, 85) }
```

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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