

Converting Colors

XYZ(24.5397, 26.6395, 10.6860)

Have a look what the booklet for
XYZ(24.5397, 26.6395, 10.6860)
contains.

XYZ(24.5397, 26.6395, 10.6860)	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(24.5397, 26.6395,
10.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8D4C
RGB	156, 141, 76
RGB Percent	61%, 55%, 30%
CMY	0.3882, 0.4470, 0.7020
CMYK	0.00, 0.10, 0.51, 0.39
HSL	49°, 34%, 45%
HSV	49°, 51%, 61%
XYZ	24.5397, 26.6395, 10.6860
YIQ	138.0750, 29.8050, -17.0350

Conversions

Conversions Part 2

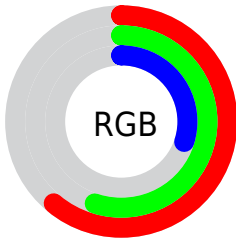
Format	Color
RYB	94, 156, 76
Decimal	10259788
CIELab	58.64, -3.34, 36.43
CIELCh	59, 36.588, 95.237
Yxy	26.6395, 0.3967, 0.4306
Android (android.graphics.Color)	4288449868 (0xFF9C8D4C)
YUV	138.0750, -30.6030, 15.7202
Hunter-Lab	51.6135, -5.4555, 23.8541

Details

The XYZ color **24.5397, 26.6395, 10.6860** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.7222, 11.4186, 32.9859**, and the grayscale version is **24.2919, 25.5569, 27.8315**.

A 20% lighter version of the original color is **50.2091, 54.0870, 27.5322**, and **9.5442, 10.4496, 2.6125** is the 20% darker color. If you saturate the color by 10%, you get **23.6365, 25.5984, 8.0260**, and if you desaturate by 10%, it is **25.5871, 27.7585, 14.0435**.

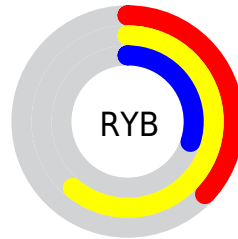
Distribution



Red (61%)

Green (55%)

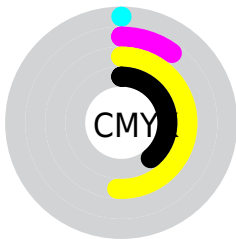
Blue (30%)



Red (37%)

Yellow (61%)

Blue (30%)

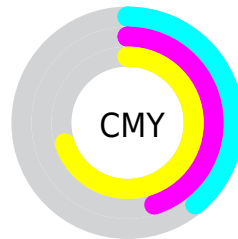


Cyan (0%)

Magenta (10%)

Yellow (51%)

Black (39%)



Cyan (39%)

Magenta (45%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5397, 26.6395, 10.6860 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 24.5397, 26.6395, 10.6860 by changing the saturation by 10% instead.

■ 24.5397, 26.6395,
10.6860

■ 24.5397, 26.6395,
10.6860

267.9279,
285.9074, 206.1600

■ 15.8613, 17.3027,
5.7446

■ 50.3578, 54.3048,
27.7058

■ 9.5163, 10.4505,
2.6241

■ 68.2282, 73.4021,
40.6212

■ 5.1393, 5.6987,
0.9049

■ 89.8934, 96.5217,
57.0318

■ 2.3648, 2.6627,
0.0000

■ 115.7187,
124.0479, 77.3560

■ 0.8275, 0.9583,
0.0000

■ 146.0694,
156.3652, 102.0123

■ 0.0000, 0.0000,
0.0000

181.3110,

193.8579, 131.4194

221.8087,
236.9105, 165.9958

■ 24.5397, 26.6395,
10.6860

■ 24.5397, 26.6395,
10.6860

■ 23.6365, 25.5984,
8.0260

■ 25.5871, 27.7585,
14.0435

■ 22.8659, 24.6273,
6.0110

■ 26.7856, 28.9553,
18.1428

■ 22.2173, 23.7231,
4.5836

■ 28.1438, 30.2345,
23.0264

■ 21.6777, 22.8802,
3.6752

■ 29.6692, 31.5993,
28.7330

■ 21.2684, 22.1842,
3.1610

■ 31.3688, 33.0524,
35.2990

■ 33.2491, 34.5967,
42.7583

■ 35.3163, 36.2348,
51.1432

■ 37.5763, 37.9692,
60.4843

■ 40.0347, 39.8021,
70.8108

Harmonies

Analogous

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



29.1135, 26.6395, 11.8413



24.5397, 26.6395, 10.6860



20.6558, 26.6395, 13.1280

Triad

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



24.5397, 26.6395, 10.6860



18.8994, 26.6395, 45.7495



34.0022, 26.6395, 40.6518

Complementary

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



24.5397, 26.6395, 10.6860



12.7222, 11.4186, 32.9859

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.



30.6383, 26.6395, 54.2687



24.5397, 26.6395, 10.6860



21.8713, 26.6395, 57.7702

Square

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



24.5397, 26.6395, 10.6860



17.6550, 26.6395, 31.3232



26.1168, 26.6395, 61.2765



34.9336, 26.6395, 26.8058

Rectangle

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



24.5397, 26.6395, 10.6860



18.8657, 26.6395, 17.0627



26.1168, 26.6395, 61.2765



33.1005, 26.6395, 45.5227

Sweetspot

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



24.5403, 26.6407, 10.6865



52.7379, 56.3790, 47.8411



18.2266, 13.0097, 11.6760



11.4858, 12.2995, 10.0824



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.



24.5403, 26.6407, 10.6865



42.6400, 46.1409, 13.7765



22.7088, 29.2043, 11.2779



7.0644, 7.5088, 7.0627



17.5422, 18.3200, 2.6115



0.3387, 0.3776, 0.0550

Inverse Universe

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



12.7222, 11.4186, 32.9859



18.6777, 15.3109, 59.0976



13.8409, 10.2788, 32.7069



6.3804, 6.6265, 8.3494



5.3294, 2.7504, 26.1572



0.1195, 0.0976, 0.4758

Previews

White Background



This preview shows how the XYZ color 24.5397, 26.6395, 10.6860 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 24.5397, 26.6395, 10.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

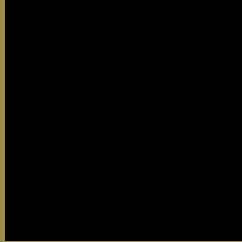
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5397, 26.6395, 10.6860

Background



This preview shows how black text looks on a background with the XYZ color 24.5397, 26.6395, 10.6860.



This preview shows how white text looks on a background with the XYZ color 24.5397, 26.6395,

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

24.5397, 26.6395, 10.6860

Protanopia

24.3470, 26.5401, 10.6770

Deuteranopia

27.0524, 26.6487, 10.9256



Tritanopia

28.5258, 26.5752, 30.0116

Trichromacy



Original Color

24.5397, 26.6395, 10.6860

Protanomaly

24.3470, 26.5401, 10.6770

Deuteranomaly

26.0111, 26.5341, 10.7718

Tritanomaly

26.6311, 26.4138, 21.1475

Monochromacy



Original Color

24.5397, 26.6395, 10.6860

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0042, 25.7228, 19.9195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5397, 26.6395, 10.6860 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(156, 141, 76)` looks like.

```
.text, #text, p{  
    color:rgb(156, 141, 76)  
}
```

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(156, 141, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 141, 76) }
```

Border

The CSS property to change the border of an element to XYZ 24.5397, 26.6395, 10.6860 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(156, 141, 76) }
```


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

```
.border{ border-color:rgb(156, 141, 76) }
```

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

Here you see how a box with a 4 pixel rgb(156, 141, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 141, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 141, 76);  
box-shadow:4px 4px 4px 4px rgb(156, 141,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5397, 26.6395, 10.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 141, 76) }
```

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

```
.background{ background-color: rgb(156,  
141, 76) }
```

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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