

Converting Colors

XYZ(24.0086, 25.6193, 14.9889)

Have a look what the booklet for
XYZ(24.0086, 25.6193, 14.9889)
contains.

XYZ(24.0086, 25.6193, 14.9889)	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(24.0086, 25.6193,
14.9889)**

Conversions

Conversions Part 1

Format	Color
Hex	978A61
RGB	151, 138, 97
RGB Percent	59%, 54%, 38%
CMY	0.4078, 0.4588, 0.6196
CMYK	0.00, 0.09, 0.36, 0.41
HSL	46°, 22%, 49%
HSV	46°, 36%, 59%
XYZ	24.0086, 25.6193, 14.9889
YIQ	137.2130, 20.9090, -9.9950

Conversions

Conversions Part 2

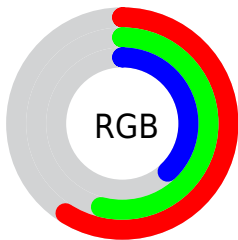
Format	Color
RYB	114, 151, 97
Decimal	9931361
CIELab	57.67, -1.49, 23.76
CIELCh	58, 23.803, 93.596
Yxy	25.6193, 0.3716, 0.3965
Android (android.graphics.Color)	4288121441 (0xFF978A61)
YUV	137.2130, -19.8250, 12.0912
Hunter-Lab	50.6155, -3.9087, 17.8732

Details

The XYZ color **24.0086, 25.6193, 14.9889** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.0915, 15.9271, 31.5042**, and the grayscale version is **23.9261, 25.1721, 27.4124**.

A 20% lighter version of the original color is **49.4297, 52.5215, 35.5494**, and **9.2110, 9.8624, 4.4358** is the 20% darker color. If you saturate the color by 10%, you get **22.8580, 24.3396, 11.4563**, and if you desaturate by 10%, it is **25.3120, 26.9899, 19.2343**.

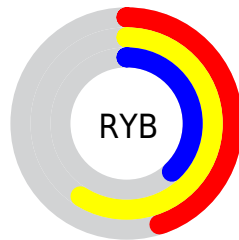
Distribution



Red (59%)

Green (54%)

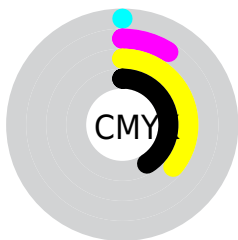
Blue (38%)



Red (45%)

Yellow (59%)

Blue (38%)

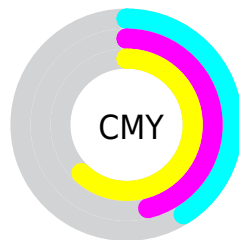


Cyan (0%)

Magenta (9%)

Yellow (36%)

Black (41%)



Cyan (41%)


Magenta (46%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0086, 25.6193, 14.9889 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 24.0086, 25.6193, 14.9889 by changing the saturation by 10% instead.


 24.0086, 25.6193,
14.9889


 24.0086, 25.6193,
14.9889


265.3036,
280.9082, 234.9375


 15.4648, 16.5391,
8.6651


 49.4988, 52.6601,
35.5757


 9.2347, 9.9064,
4.4295


 67.1759, 71.3895,
50.6758

 4.9529, 5.3369,
1.8638

 88.6281, 94.1041,
69.5384

 2.2541, 2.4463,
0.4696

 114.2208,
121.1882, 92.5820

 0.7710, 0.8495,
0.0000

144.3194,
153.0263, 120.2251

 0.0000, 0.0000,
0.0000

179.2891,

190.0027, 152.8864

219.4954,
232.5019, 190.9844

■ 24.0086, 25.6193,
14.9889

■ 24.0086, 25.6193,
14.9889

■ 22.8580, 24.3396,
11.4563

■ 25.3120, 26.9899,
19.2343

■ 21.8505, 23.1438,
8.5946

■ 26.7734, 28.4509,
24.2280

■ 20.9781, 22.0295,
6.3601

■ 28.4003, 30.0066,
30.0050

■ 20.2313, 20.9925,
4.7033

■ 30.1988, 31.6597,
36.5975

■ 19.5990, 20.0282,
3.5669

■ 32.1749, 33.4127,
44.0361

■ 19.0659, 19.1301,
2.8714

■ 34.3343, 35.2683,
52.3498

■ 18.8543, 18.7630,
2.6279

■ 36.6824, 37.2288,
61.5660

■ 39.2242, 39.2965,
71.7111

■ 41.9648, 41.4737,
82.8103

Harmonies

Analogous

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



26.8674, 25.6193, 16.0750



24.0086, 25.6193, 14.9889



21.4445, 25.6193, 16.7657

Triad

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



24.0086, 25.6193, 14.9889



20.0683, 25.6193, 37.5029



29.5913, 25.6193, 35.4660

Complementary

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



24.0086, 25.6193, 14.9889



16.0915, 15.9271, 31.5042

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.



27.5075, 25.6193, 43.1021



24.0086, 25.6193, 14.9889



21.9956, 25.6193, 44.4299

Square

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



24.0086, 25.6193, 14.9889



19.2842, 25.6193, 28.8901



24.6954, 25.6193, 46.6551



30.2341, 25.6193, 26.9231

Rectangle

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



24.0086, 25.6193, 14.9889



20.2039, 25.6193, 19.5850



24.6954, 25.6193, 46.6551



29.0286, 25.6193, 38.2751

Sweetspot

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



24.0092, 25.6205, 14.9894



49.2335, 52.1960, 47.9095



19.8791, 16.2657, 16.9871



11.1095, 11.7860, 10.6041



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.0092, 25.6205, 14.9894



41.3075, 44.0132, 21.6240



23.6230, 28.3570, 15.5380



6.5829, 6.9709, 6.6044



16.0627, 16.0077, 2.2432



0.2674, 0.2938, 0.0426

Inverse Universe

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



16.0915, 15.9271, 31.5042



24.9593, 24.0085, 55.7523



16.3537, 14.1312, 31.1438



5.9992, 6.2558, 7.8203



5.3171, 3.0309, 25.2125



0.1044, 0.0950, 0.3852

Previews

White Background



This preview shows how the XYZ color 24.0086, 25.6193, 14.9889 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 24.0086, 25.6193, 14.9889 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

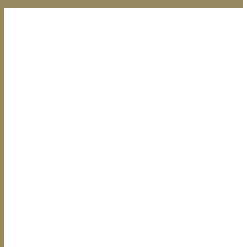
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0086, 25.6193, 14.9889

Background



This preview shows how black text looks on a background with the XYZ color 24.0086, 25.6193, 14.9889.



This preview shows how white text looks on a background with the XYZ color 24.0086, 25.6193,

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

24.0086, 25.6193, 14.9889

Protanopia

23.8238, 25.5241, 14.9802

Deuteranopia

26.1092, 25.6562, 15.1313



Tritanopia

26.8441, 25.5234, 29.1029

Trichromacy



Original Color

24.0086, 25.6193, 14.9889

Protanomaly

23.8238, 25.5241, 14.9802

Deuteranomaly

25.3658, 25.6834, 15.1757

Tritanomaly

25.6174, 25.4266, 23.2963

Monochromacy



Original Color

24.0086, 25.6193, 14.9889

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6138, 25.0472, 22.0024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0086, 25.6193, 14.9889 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(151, 138, 97)` looks like.

```
.text, #text, p{  
    color:rgb(151, 138, 97)  
}
```

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(151, 138, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 138, 97) }
```

Border

The CSS property to change the border of an element to XYZ 24.0086, 25.6193, 14.9889 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(151, 138, 97) }
```


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

```
.border{ border-color:rgb(151, 138, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 138, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 138, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 138, 97);  
box-shadow:4px 4px 4px 4px rgb(151, 138,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0086, 25.6193, 14.9889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 138, 97) }
```

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

```
.background{ background-color: rgb(151,  
138, 97) }
```

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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