

Converting Colors

XYZ(30.0866, 36.0578, 24.7596)

Have a look what the booklet for
XYZ(30.0866, 36.0578, 24.7596)
contains.

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Color

**XYZ(30.1024, 36.1525,
24.7936)**

Conversions

Conversions Part 1

Format	Color
Hex	94A97D
RGB	148, 169, 125
RGB Percent	58%, 66%, 49%
CMY	0.4196, 0.3372, 0.5098
CMYK	0.12, 0.00, 0.26, 0.34
HSL	89°, 20%, 58%
HSV	89°, 26%, 66%
XYZ	30.1024, 36.1525, 24.7936
YIQ	157.7050, 1.6080, -18.1360

Conversions

Conversions Part 2

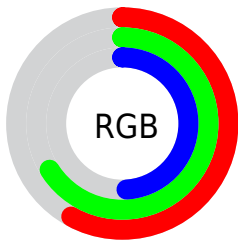
Format	Color
R _{YB}	125, 169, 146
Decimal	9742717
CIE _{Lab}	66.64, -15.37, 20.35
CIE _{LCh}	67, 25.500, 127.071
Y _{xy}	36.1525, 0.3306, 0.3971
Android (android.graphics.Color)	4287932797 (0xFF94A97D)
YUV	157.7050, -16.1236, -8.5113
Hunter-Lab	60.1269, -15.8566, 17.6404

Details

The XYZ color **30.1024, 36.1525, 24.7936** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **26.3505, 23.6438, 40.7129**, and the grayscale version is **32.4368, 34.1260, 37.1632**.

A 20% lighter version of the original color is **59.0487, 69.0822, 52.3415**, and **12.5956, 15.7858, 9.2206** is the 20% darker color. If you saturate the color by 10%, you get **27.7049, 35.0320, 19.5172**, and if you desaturate by 10%, it is **32.7872, 37.4021, 31.0439**.

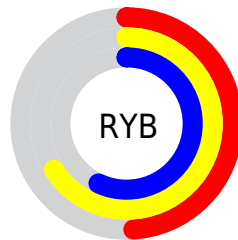
Distribution



Red (58%)

Green (66%)

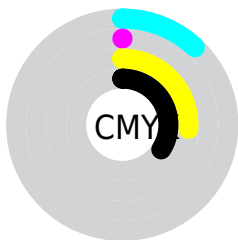
Blue (49%)



Red (49%)

Yellow (66%)

Blue (57%)

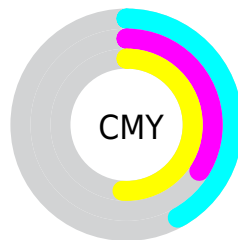


Cyan (12%)

Magenta (0%)

Yellow (26%)

Black (34%)



Cyan (42%)

Magenta (34%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1024, 36.1525, 24.7936 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 30.1024, 36.1525, 24.7936 by changing the saturation by 10% instead.

■ 30.1024, 36.1525,
24.7936

■ 30.1024, 36.1525,
24.7936

294.2827,
329.6266, 290.2232

■ 20.0648, 24.5520,
15.7057

■ 59.2096, 69.2674,
52.2821

■ 12.5507, 15.7436,
9.1641

■ 79.0099, 91.5505,
71.5199

■ 7.1947, 9.3429,
4.7501

■ 102.7951,
118.1634, 94.9780

■ 3.6316, 4.9655,
2.0452

130.9306,
149.4903, 123.0751

■ 1.4959, 2.2270,
0.5829

163.7818,
185.9157, 156.2296

■ 0.3230, 0.7347,
0.0000

201.7140,

■ 0.0000, 0.0000,

227.8239, 194.8601

0.0000

245.0925,
275.5994, 239.3851

■ 30.1024, 36.1525,
24.7936

■ 30.1024, 36.1525,
24.7936

■ 27.7049, 35.0320,
19.5172

■ 32.7872, 37.4021,
31.0439

■ 25.5806, 34.0310,
15.1634

■ 35.7672, 38.7806,
38.3113

■ 23.7182, 33.1461,
11.6795

■ 39.0533, 40.2937,
46.6394

■ 22.1043, 32.3716,
9.0067

■ 42.6550, 41.9455,
56.0684

■ 20.7241, 31.7013,
7.0790

■ 46.5815, 43.7398,
66.6365

■ 19.5607, 31.1282,
5.8198

■ 50.8414, 45.6804,
78.3800

■ 18.5924, 30.6434,
5.1272

■ 55.4430, 47.7706,
91.3337

■ 18.2450, 30.4685,
4.9194

■ 59.5449, 49.6743,
101.0575

■ 61.9367, 50.9073,
101.1694

Harmonies

Analogous

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



33.4614, 36.1525, 21.8939



30.1024, 36.1525, 24.7936



28.0033, 36.1525, 31.6905

Triad

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



30.1024, 36.1525, 24.7936



31.5662, 36.1525, 62.2146



42.2184, 36.1525, 36.8190

Complementary

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



30.1024, 36.1525, 24.7936



26.3505, 23.6438, 40.7129

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.



41.6167, 36.1525, 48.1856



30.1024, 36.1525, 24.7936



35.2784, 36.1525, 64.2849

Square

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



30.1024, 36.1525, 24.7936



28.8034, 36.1525, 53.5286



39.0053, 36.1525, 58.7507



40.5930, 36.1525, 27.9484

Rectangle

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



30.1024, 36.1525, 24.7936



27.5059, 36.1525, 38.2938



39.0053, 36.1525, 58.7507



42.2717, 36.1525, 40.4538

Sweetspot

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



30.1033, 36.1541, 24.7944



62.8844, 68.9104, 65.7124



30.2723, 30.3312, 23.6615



13.5327, 14.9393, 13.8959



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.



30.1033, 36.1541, 24.7944



51.4785, 63.6103, 38.9781



26.5639, 34.3294, 24.6287



7.7968, 8.5934, 8.0370



13.6594, 22.7389, 3.6691



0.3909, 0.5834, 0.0920

Inverse Universe

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



26.3505, 23.6438, 40.7129



43.6547, 37.5272, 72.1677



30.5457, 25.8065, 40.9093



7.4597, 7.4696, 9.4669



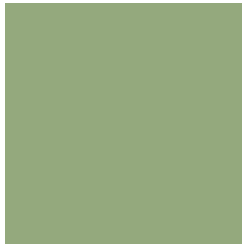
7.9064, 3.4593, 28.2265



0.2517, 0.1148, 0.6895

Previews

White Background



This preview shows how the XYZ color 30.1024, 36.1525, 24.7936 looks on a white background.

Color Contrast Check

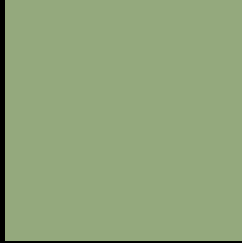
Large Text (above 18pt) WCAG AA × Fail

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 30.1024, 36.1525, 24.7936 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 ✓ Pass

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

XYZ 30.1024, 36.1525, 24.7936

Background



This preview shows how black text looks on a background with the XYZ color 30.1024, 36.1525, 24.7936.



This preview shows how white text looks on a background with the XYZ color 30.1024, 36.1525,

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

30.1024, 36.1525, 24.7936

Protanopia

33.6668, 36.1300, 23.6117

Deuteranopia

36.6039, 35.8200, 25.4068



Tritanopia

34.1758, 35.9044, 45.6864

Trichromacy



Original Color

30.1024, 36.1525, 24.7936

Protanomaly

32.3401, 36.2328, 24.0280

Deuteranomaly

33.8571, 35.6726, 25.1797

Tritanomaly

32.4898, 36.0200, 37.1384

Monochromacy



Original Color

30.1024, 36.1525, 24.7936

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.4351, 34.7860, 32.2517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1024, 36.1525, 24.7936 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(148, 169, 125)` looks like.

```
.text, #text, p{  
    color:rgb(148, 169, 125)  
}
```

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(148, 169, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 169, 125) }
```

Border

The CSS property to change the border of an element to XYZ 30.1024, 36.1525, 24.7936 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(148, 169, 125) }
```


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

```
.border{ border-color:rgb(148, 169, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 169, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 169, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 169, 125);  
box-shadow:4px 4px 4px 4px rgb(148, 169,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1024, 36.1525, 24.7936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 169, 125) }
```

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

```
.background{ background-color: rgb(148,  
169, 125) }
```

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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