

Converting Colors

XYZ(24.6594, 30.5038, 9.4386)

Have a look what the booklet for
XYZ(24.6594, 30.5038, 9.4386)
contains.

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Color

**XYZ(24.6594, 30.5038,
9.4386)**

Conversions

Conversions Part 1

Format	Color
Hex	919D40
RGB	145, 157, 64
RGB Percent	57%, 62%, 25%
CMY	0.4314, 0.3843, 0.7490
CMYK	0.08, 0.00, 0.59, 0.38
HSL	68°, 42%, 43%
HSV	68°, 59%, 62%
XYZ	24.6594, 30.5038, 9.4386
YIQ	142.8100, 22.7010, -31.4670

Conversions

Conversions Part 2

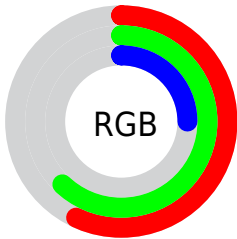
Format	Color
RYB	64, 157, 76
Decimal	9542976
CIELab	62.09, -17.68, 46.12
CIELCh	62, 49.391, 110.977
Yxy	30.5038, 0.3817, 0.4722
Android (android.graphics.Color)	4287733056 (0xFF919D40)
YUV	142.8100, -38.8533, 1.9206
Hunter-Lab	55.2302, -16.9556, 28.5288

Details

The XYZ color **24.6594, 30.5038, 9.4386** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.9007, 7.6383, 32.7999**, and the grayscale version is **26.1770, 27.5402, 29.9913**.

A 20% lighter version of the original color is **50.4762, 60.2438, 25.1875**, and **9.6115, 12.6009, 2.1554** is the 20% darker color. If you saturate the color by 10%, you get **23.9204, 30.1684, 7.3915**, and if you desaturate by 10%, it is **25.5320, 30.8956, 12.1498**.

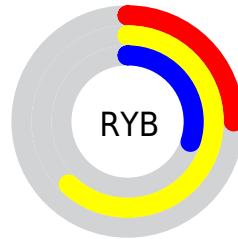
Distribution



Red (57%)

Green (62%)

Blue (25%)



Red (25%)

Yellow (62%)

Blue (30%)

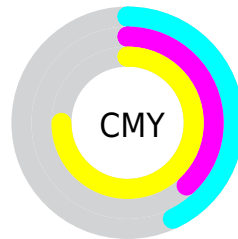


Cyan (8%)

Magenta (0%)

Yellow (59%)

Black (38%)



Cyan (43%)

Magenta (38%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6594, 30.5038, 9.4386 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 24.6594, 30.5038, 9.4386 by changing the saturation by 10% instead.

■ 24.6594, 30.5038,
9.4386

■ 24.6594, 30.5038,
9.4386

268.5165,
304.2458, 196.9539

■ 15.9509, 20.2213,
4.9277

■ 50.5510, 60.4580,
25.3252

■ 9.5800, 12.5560,
2.1469

■ 68.4648, 80.8985,
37.5379

■ 5.1815, 7.1235,
0.6435

■ 90.1777, 105.4938,
53.1549

■ 2.3900, 3.5395,
0.0000

■ 116.0551,
134.6282, 72.5948

■ 0.8401, 1.4194,
0.0000

■ 146.4623,
168.6863, 96.2761

■ 0.0000, 0.2310,
0.0000

181.7647,

■ 0.0000, 0.0000,

208.0523, 124.6174

0.0000

222.3276,
253.1106, 158.0371

■ 24.6594, 30.5038,
9.4386

■ 24.6594, 30.5038,
9.4386

■ 23.9204, 30.1684,
7.3915

■ 25.5320, 30.8956,
12.1498

■ 23.3020, 29.8809,
5.9492

■ 26.5456, 31.3434,
15.5736

■ 22.7922, 29.6375,
5.0456

■ 27.7098, 31.8522,
19.7565

■ 22.3633, 29.4273,
4.5359

■ 29.0325, 32.4251,
24.7403

■ 22.3313, 29.4116,
4.5000

■ 30.5211, 33.0651,
30.5638

■ 32.1825, 33.7751,
37.2634

■ 34.0233, 34.5575,
44.8731

■ 36.0496, 35.4149,
53.4253

■ 38.2673, 36.3496,
62.9508

Harmonies

Analogous

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



31.0410, 30.5038, 8.6122



24.6594, 30.5038, 9.4386



20.1644, 30.5038, 15.1048

Triad

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



24.6594, 30.5038, 9.4386



21.6762, 30.5038, 70.4755



43.5139, 30.5038, 39.2822

Complementary

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



24.6594, 30.5038, 9.4386



10.9007, 7.6383, 32.7999

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.



40.0825, 30.5038, 61.9546



24.6594, 30.5038, 9.4386



27.0370, 30.5038, 83.9758

Square

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



24.6594, 30.5038, 9.4386



18.6336, 30.5038, 48.0938



33.8066, 30.5038, 80.3716



42.6182, 30.5038, 21.7705

Rectangle

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



24.6594, 30.5038, 9.4386



18.5229, 30.5038, 22.6668



33.8066, 30.5038, 80.3716



42.8111, 30.5038, 46.6095

Sweetspot

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



24.6601, 30.5052, 9.4392



52.2162, 58.1639, 45.1697



17.3370, 12.5509, 6.3597



11.3400, 12.7339, 9.3647



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.



24.6601, 30.5052, 9.4392



42.4676, 53.8554, 12.3163



18.2004, 27.1751, 9.1369



7.0859, 7.6769, 7.0940



18.1579, 23.8975, 3.6557



0.3459, 0.4382, 0.0664

Inverse Universe

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



10.9007, 7.6383, 32.7999



15.6013, 9.1176, 58.0643



15.8545, 10.1921, 33.0317



6.3604, 6.4743, 8.3211



5.2004, 2.1099, 26.0404



0.1131, 0.0481, 0.4666

Previews

White Background



This preview shows how the XYZ color 24.6594, 30.5038, 9.4386 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 24.6594, 30.5038, 9.4386 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 24.6594, 30.5038, 9.4386

Background



This preview shows how black text looks on a background with the XYZ color 24.6594, 30.5038, 9.4386.



This preview shows how white text looks on a background with the XYZ color 24.6594, 30.5038,

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

24.6594, 30.5038, 9.4386

Protanopia

27.7122, 30.3760, 8.9600

Deuteranopia

30.8734, 30.3766, 9.7049



Tritanopia

30.2093, 30.3392, 37.0647

Trichromacy



Original Color

24.6594, 30.5038, 9.4386

Protanomaly

26.5865, 30.5123, 9.1908

Deuteranomaly

28.1806, 30.1311, 9.6408

Tritanomaly

27.4672, 30.1678, 23.4441

Monochromacy



Original Color

24.6594, 30.5038, 9.4386

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.1288, 28.3240, 20.0622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6594, 30.5038, 9.4386 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(145, 157, 64)` looks like.

```
.text, #text, p{  
    color:rgb(145, 157, 64)  
}
```

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(145, 157, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 157, 64) }
```

Border

The CSS property to change the border of an element to XYZ 24.6594, 30.5038, 9.4386 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(145, 157, 64) }
```


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

```
.border{ border-color:rgb(145, 157, 64) }
```

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

Here you see how a box with a 4 pixel rgb(145, 157, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 157, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 157, 64);  
box-shadow:4px 4px 4px 4px rgb(145, 157,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6594, 30.5038, 9.4386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 157, 64) }
```

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

```
.background{ background-color: rgb(145,  
157, 64) }
```

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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