

Converting Colors

XYZ(97.2669, 123.3127,
29.7601)

Have a look what the booklet for
XYZ(97.2669, 123.3127, 29.7601)
contains.

XYZ(79.1113, 93.6245, 24.9681)	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(79.1113, 93.6245,
24.9681)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFF60
RGB	255, 255, 96
RGB Percent	100%, 100%, 38%
CMY	0.0000, 0.0000, 0.6235
CMYK	0.00, 0.00, 0.62, 0.00
HSL	60°, 100%, 69%
HSV	60°, 62%, 100%
XYZ	79.1113, 93.6245, 24.9681
YIQ	236.8740, 51.0390, -49.4490

Conversions

Conversions Part 2

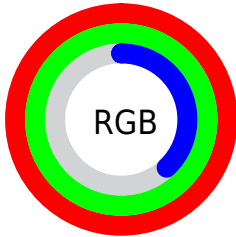
Format	Color
R _Y B	96, 255, 96
Decimal	16777056
CIE Lab	97.48, -18.81, 73.24
CIE LCh	97, 75.617, 104.403
Yxy	93.6245, 0.4002, 0.4736
Android (android.graphics.Color)	4294967136 (0xFFFFFFFF60)
YUV	236.8740, -69.4509, 15.8965
Hunter-Lab	96.7598, -23.3870, 52.4325

Details

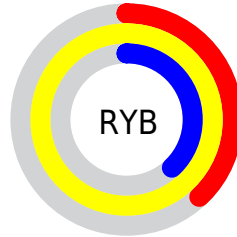
The XYZ color **79.1113, 93.6245, 24.9681** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **27.0578, 18.0738, 96.6702**, and the grayscale version is **80.8886, 85.1011, 92.6751**.

A 20% lighter version of the original color is **82.7498, 95.0799, 44.1279**, and **43.2036, 52.5588, 9.3066** is the 20% darker color. If you saturate the color by 10%, you get **78.1212, 93.2285, 19.7558**, and if you desaturate by 10%, it is **80.4821, 94.1728, 32.1873**.

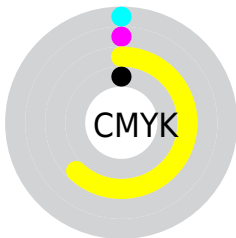
Distribution



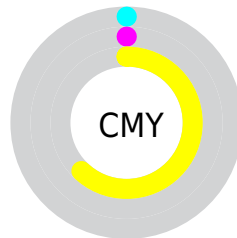
- Red (100%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (38%)



- Cyan (0%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1113, 93.6245, 24.9681 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 79.1113, 93.6245, 24.9681 by changing the saturation by 10% instead.


 79.1113, 93.6245,
24.9681

 79.1113, 93.6245,
24.9681


480.7151,
539.7520, 291.1216


 59.2933, 70.9907,
15.8345


 131.0726,
152.3629, 52.5689


 43.0965, 52.3346,
9.2540


 163.9467,
189.2363, 71.8733

 30.1557, 37.2718,
4.8082


 201.9034,
231.6250, 95.4049

 20.1055, 25.4180,
2.0784

 245.3082,
279.9134, 123.5824

 12.5804, 16.3888,
0.6029

294.5264,
334.4859, 156.8242

 7.2153, 9.7997,
0.0000

349.9234,

 3.6446, 5.2663,

395.7269, 195.5490

0.0000

411.8645,
464.0208, 240.1753

■ 1.5031, 2.4044,
0.0000

■ 0.3280, 0.8281,
0.0000

■ 79.1113, 93.6245,
24.9681

■ 79.1113, 93.6245,
24.9681

■ 78.1212, 93.2285,
19.7558

■ 80.4821, 94.1728,
32.1873

■ 77.4734, 92.9693,
16.3447

■ 82.2667, 94.8867,
41.5849

■ 77.1215, 92.8286,
14.4919

■ 84.4949, 95.7779,
53.3182

■ 76.9996, 92.7798,
13.8500

■ 87.1935, 96.8574,
67.5290

90.3875, 98.1350,
84.3477

94.0997, 99.6199,
103.8957

95.0500, 100.0000,
108.9000

Harmonies

Analogous

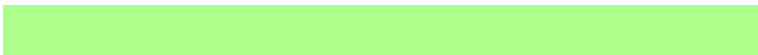
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



100.5509, 93.6245, 25.2184



79.1113, 93.6245, 24.9681



63.1215, 93.6245, 38.6690

Triad

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



79.1113, 93.6245, 24.9681



62.6392, 93.6245, 209.0217



134.9500, 93.6245, 137.1358

Complementary

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



79.1113, 93.6245, 24.9681



27.0578, 18.0738, 96.6702

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.



121.1001, 93.6245, 211.8440



79.1113, 93.6245, 24.9681



78.3461, 93.6245, 263.4183

Square

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



79.1113, 93.6245, 24.9681



54.7010, 93.6245, 134.2582



99.6528, 93.6245, 264.6200



135.2439, 93.6245, 75.2768

Rectangle

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



79.1113, 93.6245, 24.9681



56.7157, 93.6245, 58.9290



99.6528, 93.6245, 264.6200



131.6371, 93.6245, 162.0058

Sweetspot

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



79.1113, 93.6245, 24.9693



88.2075, 97.2630, 72.8680



47.5349, 30.4713, 14.4438



18.6940, 20.7439, 14.6173



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



79.1113, 93.6245, 24.9693



77.9180, 93.1472, 18.6858



55.6638, 81.5368, 23.8720



19.5613, 21.0908, 19.1843



40.2340, 48.4794, 7.2369



3.9174, 4.7203, 0.7046

Inverse Universe

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



27.0578, 18.0738, 96.6702



21.9675, 11.9403, 95.7546



40.0256, 24.7589, 97.2771



17.0031, 17.3778, 22.7080



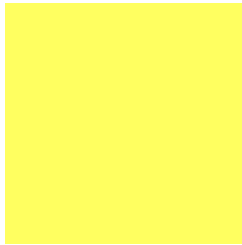
9.4315, 3.7726, 49.6657



0.9183, 0.3673, 4.8358

Previews

White Background



This preview shows how the XYZ color 79.1113, 93.6245, 24.9681 looks on a white background.

Color Contrast Check

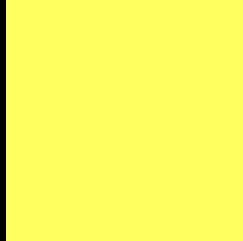
Large Text (above 18pt) WCAG AA × Fail

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 79.1113, 93.6245, 24.9681 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 79.1113, 93.6245, 24.9681

Background



This preview shows how black text looks on a background with the XYZ color 79.1113, 93.6245, 24.9681.



This preview shows how white text looks on a background with the XYZ color 79.1113, 93.6245,

Color Blindness Simulation

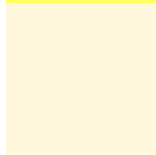
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



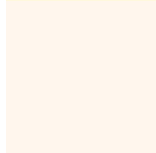
Original Color

79.1113, 93.6245, 24.9681



Protanopia

87.8585, 93.6153, 81.8455



Deuteranopia

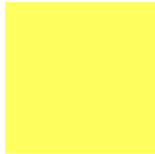
89.4818, 93.2860, 93.4106



Tritanopia

91.3050, 93.5299, 104.5076

Trichromacy



Original Color

79.1113, 93.6245, 24.9681



Protanomaly

83.5737, 93.3889, 54.6954



Deuteranomaly

83.9786, 92.5565, 59.8934



Tritanomaly

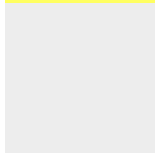
84.9660, 92.9515, 65.0930

Monochromacy



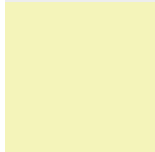
Original Color

79.1113, 93.6245, 24.9681



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.5218, 87.4796, 59.2011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1113, 93.6245, 24.9681 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(255, 255, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 96)  
}
```

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(255, 255, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 96) }
```

Border

The CSS property to change the border of an element to XYZ 79.1113, 93.6245, 24.9681 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(255, 255, 96) }
```


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

```
.border{ border-color:rgb(255, 255, 96) }
```

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

Here you see how a box with a 4 pixel rgb(255, 255, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1113, 93.6245, 24.9681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 96) }
```

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

```
.background{ background-color: rgb(255,  
255, 96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor