

Converting Colors

XYZ(88.8593, 100.0000,
25.3182)

Have a look what the booklet for
XYZ(88.8593, 100.0000, 25.3182)
contains.

XYZ(79.0204, 93.5882, 24.4892)	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(79.0204, 93.5882,
24.4892)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFF5E
RGB	255, 255, 94
RGB Percent	100%, 100%, 37%
CMY	0.0000, 0.0000, 0.6314
CMYK	0.00, 0.00, 0.63, 0.00
HSL	60°, 100%, 68%
HSV	60°, 63%, 100%
XYZ	79.0204, 93.5882, 24.4892
YIQ	236.6460, 51.6810, -50.0710

Conversions

Conversions Part 2

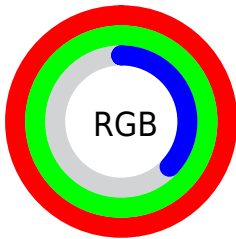
Format	Color
RYB	94, 255, 94
Decimal	16777054
CIELab	97.47, -18.93, 74.00
CIELCh	97, 76.384, 104.346
Yxy	93.5882, 0.4009, 0.4748
Android (android.graphics.Color)	4294967134 (0xFFFFFFFF5E)
YUV	236.6460, -70.3245, 16.0965
Hunter-Lab	96.7410, -23.4936, 52.7099

Details

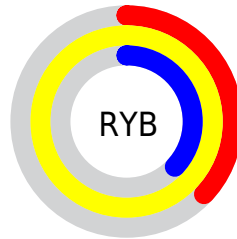
The XYZ color **79.0204, 93.5882, 24.4892** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **26.6699, 17.6063, 96.6004**, and the grayscale version is **80.7190, 84.9226, 92.4807**.

A 20% lighter version of the original color is **82.5859, 95.0144, 43.2650**, and **43.1509, 52.5377, 9.0289** is the 20% darker color. If you saturate the color by 10%, you get **78.0586, 93.2034, 19.4260**, and if you desaturate by 10%, it is **80.3600, 94.1240, 31.5446**.

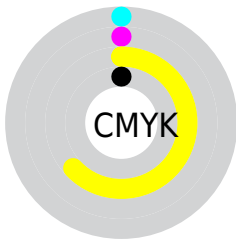
Distribution



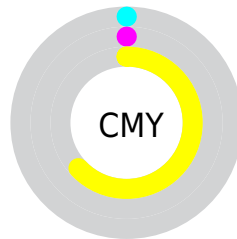
- Red (100%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (37%)



- Cyan (0%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0204, 93.5882, 24.4892 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 79.0204, 93.5882, 24.4892 by changing the saturation by 10% instead.

79.0204, 93.5882,
24.4892

79.0204, 93.5882,
24.4892

480.4123,
539.6353, 288.6503

59.2183, 70.9605,
15.4814

130.9454,
152.3127, 51.7811

43.0359, 52.3100,
9.0075

163.7989,
189.1783, 70.9023

30.1079, 37.2522,
4.6492

201.7336,
231.5586, 94.2317

20.0690, 25.4028,
1.9878

245.1149,
279.8381, 122.1878

12.5538, 16.3774,
0.5478

294.3080,
334.4011, 155.1891

7.1969, 9.7916,
0.0000

349.6784,

3.6329, 5.2610,

395.6320, 193.6543

0.0000

411.5914,
463.9153, 238.0018

■ 1.4967, 2.4012,
0.0000

■ 0.3236, 0.8265,
0.0000

■ 79.0204, 93.5882,
24.4892

■ 79.0204, 93.5882,
24.4892

■ 78.0586, 93.2034,
19.4260

■ 80.3600, 94.1240,
31.5446

■ 77.4358, 92.9543,
16.1467

■ 82.1111, 94.8244,
40.7654

■ 77.1048, 92.8219,
14.4038

■ 84.3035, 95.7014,
52.3102

■ 76.9996, 92.7798,
13.8500

■ 86.9643, 96.7657,
66.3218

■ 90.1185, 98.0274,
82.9315

■ 93.7893, 99.4957,
102.2612

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.



100.6792, 93.5882, 24.7628



79.0204, 93.5882, 24.4892



62.8849, 93.5882, 38.1577

Triad

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



79.0204, 93.5882, 24.4892



62.3525, 93.5882, 210.1773



135.4229, 93.5882, 137.6214

Complementary

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



79.0204, 93.5882, 24.4892



26.6699, 17.6063, 96.6004

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.



121.3814, 93.5882, 213.3148



79.0204, 93.5882, 24.4892



78.1741, 93.5882, 265.4648

Square

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



79.0204, 93.5882, 24.4892



54.3759, 93.5882, 134.4305



99.6844, 93.5882, 266.8023



135.7490, 93.5882, 75.0953

Rectangle

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



79.0204, 93.5882, 24.4892



56.4242, 93.5882, 58.4684



99.6844, 93.5882, 266.8023



132.0599, 93.5882, 162.8057

Sweetspot

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



79.0204, 93.5881, 24.4904



88.2075, 97.2630, 72.8680



47.2638, 30.0746, 13.9048



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.



79.0204, 93.5881, 24.4904



77.8474, 93.1189, 18.3139



55.3484, 81.3848, 23.3826



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.



26.6699, 17.6063, 96.6004



21.6663, 11.5774, 95.7005



39.6209, 24.2828, 97.2065



17.0031, 17.3778, 22.7080



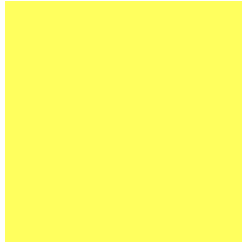
9.4315, 3.7726, 49.6657



0.9183, 0.3673, 4.8358

Previews

White Background



This preview shows how the XYZ color 79.0204, 93.5882, 24.4892 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 79.0204, 93.5882, 24.4892 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 79.0204, 93.5882, 24.4892

Background



This preview shows how black text looks on a background with the XYZ color 79.0204, 93.5882, 24.4892.



This preview shows how white text looks on a background with the XYZ color 79.0204, 93.5882,

Color Blindness Simulation

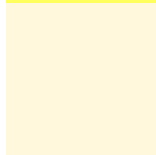
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



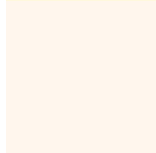
Original Color

79.0204, 93.5882, 24.4892



Protanopia

87.8585, 93.6153, 81.8455



Deuteranopia

89.4818, 93.2860, 93.4106



Tritanopia

91.3050, 93.5299, 104.5076

Trichromacy



Original Color

79.0204, 93.5882, 24.4892



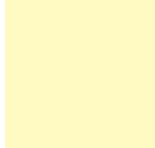
Protanomaly

83.4750, 93.3495, 54.1761



Deuteranomaly

83.8726, 92.5141, 59.3354



Tritanomaly

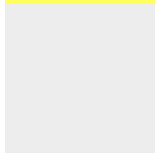
84.8533, 92.9064, 64.4994

Monochromacy



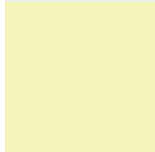
Original Color

79.0204, 93.5882, 24.4892



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.4159, 87.4372, 58.6431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0204, 93.5882, 24.4892 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, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 94)  
}
```

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, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 94) }
```

Border

The CSS property to change the border of an element to XYZ 79.0204, 93.5882, 24.4892 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, 94) }
```


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

```
.border{ border-color:rgb(255, 255, 94) }
```

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, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0204, 93.5882, 24.4892 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, 94) }
```

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

```
.background{ background-color: rgb(255,  
255, 94) }
```

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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