

Converting Colors

XYZ(78.7494, 93.4212, 25.7066)

Have a look what the booklet for
XYZ(78.7494, 93.4212, 25.7066)
contains.

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Color

**XYZ(78.8852, 93.4917,
25.6924)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFF63
RGB	254, 255, 99
RGB Percent	100%, 100%, 39%
CMY	0.0039, 0.0000, 0.6117
CMYK	0.00, 0.00, 0.61, 0.00
HSL	60°, 100%, 69%
HSV	60°, 61%, 100%
XYZ	78.8852, 93.4917, 25.6924
YIQ	236.9170, 49.4800, -48.7280

Conversions

Conversions Part 2

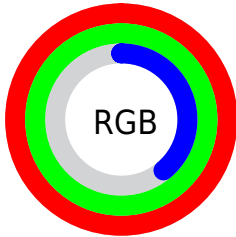
Format	Color
R_{YB}	99, 255, 100
Decimal	16711523
CIE _{Lab}	97.43, -19.03, 71.97
CIE _{LCh}	97, 74.447, 104.807
Yxy	93.4917, 0.3983, 0.4720
Android (android.graphics.Color)	4294901603 (0xFFFEFF63)
YUV	236.9170, -67.9931, 14.9818
Hunter-Lab	96.6911, -23.5807, 51.9295

Details

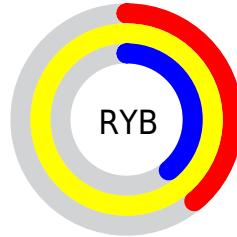
The XYZ color **78.8852, 93.4917, 25.6924** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **27.7684, 18.8542, 96.7834**, and the grayscale version is **80.9118, 85.1255, 92.7017**.

A 20% lighter version of the original color is **83.0008, 95.1803, 45.4495**, and **42.7921, 51.9974, 9.6148** is the 20% darker color. If you saturate the color by 10%, you get **77.7924, 93.0476, 20.2513**, and if you desaturate by 10%, it is **80.3628, 94.0896, 33.1621**.

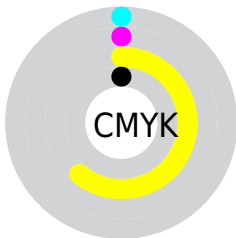
Distribution



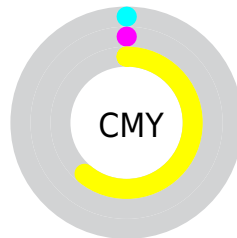
- Red (100%)
- Green (100%)
- Blue (39%)



- Red (39%)
- Yellow (100%)
- Blue (39%)



- Cyan (0%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8852, 93.4917, 25.6924 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 78.8852, 93.4917, 25.6924 by changing the saturation by 10% instead.


 78.8852, 93.4917,
25.6924


 78.8852, 93.4917,
25.6924


479.9618,
539.3250, 294.8261


 59.1067, 70.8803,
16.3700


 130.7560,
152.1792, 53.7563


 42.9457, 52.2445,
9.6291


 163.5791,
189.0240, 73.3348

 30.0369, 37.2000,
5.0514


 201.4810,
231.3821, 97.1691

 20.0148, 25.3624,
2.2182

 244.8272,
279.6378, 125.6777

 12.5141, 16.3472,
0.6848

293.9831,
334.1755, 159.2792

 7.1695, 9.7702,
0.0000

349.3139,

 3.6156, 5.2469,

395.3797, 198.3920

0.0000

411.1850,
463.6347, 243.4348

■ 1.4871, 2.3928,
0.0000

■ 0.3170, 0.8222,
0.0000

■ 78.8852, 93.4917,
25.6924

■ 78.8852, 93.4917,
25.6924

■ 77.7924, 93.0476,
20.2513

■ 80.3628, 94.0896,
33.1621

■ 77.0468, 92.7425,
16.6371


■ 82.2581, 94.8547,
42.8295


■ 76.6032, 92.5582,
14.6129


■ 84.6002, 95.7984,
54.8499

■ 76.4008, 92.4711,
13.8220

■ 87.4159, 96.9316,
69.3637

 90.7297, 98.2641,
86.5002

 94.5644, 99.8049,
106.3797

 95.0500, 100.0000,
108.9000

Harmonies

Analogous

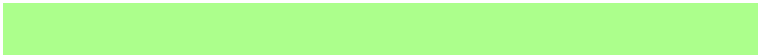
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99.9294, 93.4917, 25.7733



78.8852, 93.4917, 25.6924



63.2140, 93.4917, 39.5866

Triad

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



78.8852, 93.4917, 25.6924



63.0603, 93.4917, 207.6698



134.0742, 93.4917, 135.4039

Complementary

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



78.8852, 93.4917, 25.6924



27.7684, 18.8542, 96.7834

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.



120.6477, 93.4917, 208.5606



78.8852, 93.4917, 25.6924



78.6418, 93.4917, 260.2536

Square

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



78.8852, 93.4917, 25.6924



55.1099, 93.4917, 134.4923



99.6444, 93.4917, 260.6323



134.1672, 93.4917, 74.8821

Rectangle

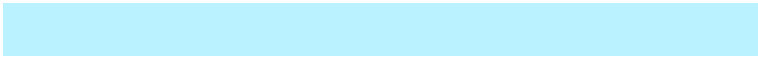
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.8852, 93.4917, 25.6924



56.9578, 93.4917, 59.8962



99.6444, 93.4917, 260.6323



130.8868, 93.4917, 159.7346

Sweetspot

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



78.8852, 93.4917, 25.6936



88.4128, 97.3326, 74.5138



47.9547, 31.0855, 15.2782



18.7280, 20.7544, 14.9364



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.



78.8852, 93.4917, 25.6936



77.6316, 92.9821, 19.4616



56.1444, 81.7683, 24.6293



19.5491, 21.0845, 19.1837



39.9264, 48.3209, 7.2225



3.8911, 4.7067, 0.7034

Inverse Universe

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



27.7684, 18.8542, 96.7834



22.6979, 12.7615, 95.8747



40.6443, 25.4920, 97.3860



17.0138, 17.3833, 22.7085



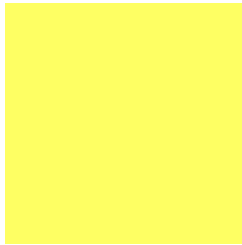
9.4469, 3.7805, 49.6664



0.9234, 0.3700, 4.8360

Previews

White Background



This preview shows how the XYZ color 78.8852, 93.4917, 25.6924 looks on a white background.

Color Contrast Check

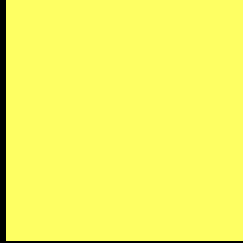
Large Text (above 18pt) WCAG AA × Fail

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 78.8852, 93.4917, 25.6924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

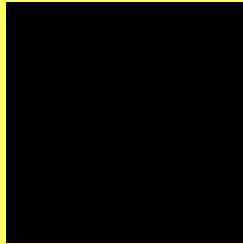
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8852, 93.4917, 25.6924

Background



This preview shows how black text looks on a background with the XYZ color 78.8852, 93.4917, 25.6924.



This preview shows how white text looks on a background with the XYZ color 78.8852, 93.4917,

Color Blindness Simulation

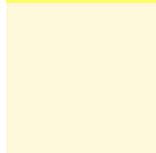
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



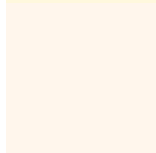
Original Color

78.8852, 93.4917, 25.6924



Protanopia

87.8585, 93.6153, 81.8455



Deuteranopia

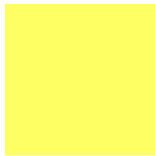
89.3361, 93.2277, 92.6431



Tritanopia

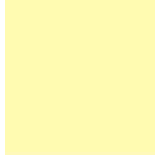
91.3050, 93.5299, 104.5076

Trichromacy



Original Color

78.8852, 93.4917, 25.6924



Protanomaly

83.6730, 93.4287, 55.2185



Deuteranomaly

83.9786, 92.5565, 59.8934



Tritanomaly

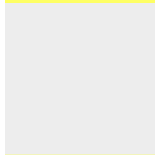
85.0795, 92.9969, 65.6906

Monochromacy



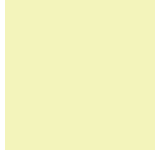
Original Color

78.8852, 93.4917, 25.6924



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.2825, 87.3439, 59.7468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8852, 93.4917, 25.6924 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(254, 255, 99)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 99)  
}
```

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(254, 255, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 99) }
```

Border

The CSS property to change the border of an element to XYZ 78.8852, 93.4917, 25.6924 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(254, 255, 99) }
```


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

```
.border{ border-color:rgb(254, 255, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 99);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8852, 93.4917, 25.6924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 99) }
```

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

```
.background{ background-color: rgb(254,  
255, 99) }
```

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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