

Converting Colors

XYZ(75.9187, 83.0174, 75.7578)

Have a look what the booklet for
XYZ(75.9187, 83.0174, 75.7578)
contains.

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Color

**XYZ(75.9908, 83.1599,
75.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	E8EED6
RGB	232, 238, 214
RGB Percent	91%, 93%, 84%
CMY	0.0902, 0.0666, 0.1608
CMYK	0.03, 0.00, 0.10, 0.07
HSL	75°, 41%, 89%
HSV	75°, 10%, 93%
XYZ	75.9908, 83.1599, 75.6647
YIQ	233.4700, 4.1280, -8.7360

Conversions

Conversions Part 2

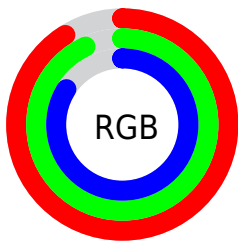
Format	Color
R _Y B	214, 238, 220
Decimal	15265494
CIE Lab	93.08, -6.13, 10.93
CIE LCh	93, 12.528, 119.284
Yxy	83.1599, 0.3236, 0.3542
Android (android.graphics.Color)	4293455574 (0xFFE8EED6)
YUV	233.4700, -9.5987, -1.2892
Hunter-Lab	91.1921, -10.8411, 14.6398

Details

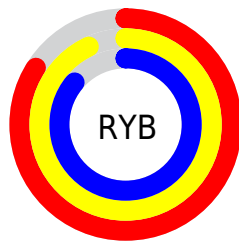
The XYZ color **75.9908, 83.1599, 75.6647** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **68.9977, 69.4842, 90.6686**, and the grayscale version is **77.8762, 81.9318, 89.2237**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8905, 45.1892, 39.3681** is the 20% darker color. If you saturate the color by 10%, you get **71.2713, 81.0553, 60.7195**, and if you desaturate by 10%, it is **81.2246, 85.4832, 92.9558**.

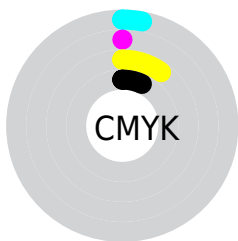
Distribution



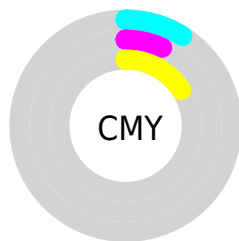
- Red (91%)
- Green (93%)
- Blue (84%)



- Red (84%)
- Yellow (93%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9908, 83.1599, 75.6647 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 75.9908, 83.1599, 75.6647 by changing the saturation by 10% instead.

75.9908, 83.1599,
75.6647

75.9908, 83.1599,
75.6647

470.2611,
505.5193, 499.5154

56.7220, 62.3221,
55.6526

126.6943,
137.7994, 129.0086

41.0213, 45.2930,
39.5223

158.8598,
172.3698, 163.1774

28.5235, 31.6883,
26.8554

196.0548,
212.2866, 202.9023

18.8631, 21.1235,
17.2331

238.6447,
257.9341, 248.6017

11.6748, 13.2143,
10.2371

286.9950,
309.6967, 300.6941

6.5933, 7.5763,
5.4488

341.4709,

3.2531, 3.8250,

367.9589, 359.5982

2.4496

402.4378,
433.1049, 425.7324

■ 1.2890, 1.5762,
0.8133

■ 0.1750, 0.3415,
0.0000

■ 75.9908, 83.1599,
75.6647

■ 75.9908, 83.1599,
75.6647

■ 71.2713, 81.0553,
60.7195

■ 81.2246, 85.4832,
92.9558

■ 67.0393, 79.1505,
48.0137

■ 85.9028, 87.5892,
106.9866

■ 63.2761, 77.4406,
37.4406

■ 88.0014, 88.6711,
107.0848

■ 59.9585, 75.9163,
28.8829

■ 89.8662, 89.6324,
107.1721

■ 57.0615, 74.5675,
22.2117

■ 54.5571, 73.3829,
17.2835

■ 52.4134, 72.3497,
13.9340

■ 50.5927, 71.4527,
11.9676

■ 49.0435, 70.6726,
11.0563

Harmonies

Analogous

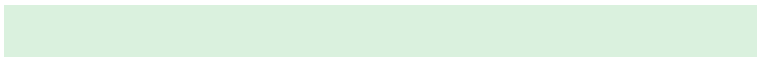
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1199, 83.1599, 73.6330



75.9908, 83.1599, 75.6647



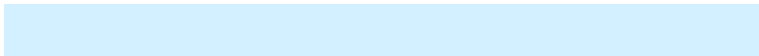
73.7330, 83.1599, 81.6160

Triad

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



75.9908, 83.1599, 75.6647



75.8577, 83.1599, 107.0101



85.5281, 83.1599, 90.7732

Complementary

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



75.9908, 83.1599, 75.6647



68.9977, 69.4842, 90.6686

Split Complementary

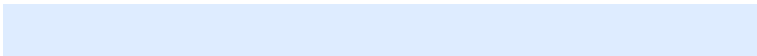
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5978, 83.1599, 100.1069



75.9908, 83.1599, 75.6647



78.9621, 83.1599, 109.8710

Square

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



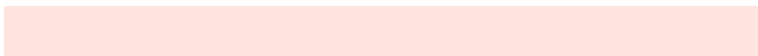
75.9908, 83.1599, 75.6647



73.6576, 83.1599, 99.6888



82.1717, 83.1599, 107.2630



84.6804, 83.1599, 81.9819

Rectangle

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



75.9908, 83.1599, 75.6647



72.9945, 83.1599, 87.2242



82.1717, 83.1599, 107.2630



85.4125, 83.1599, 93.9531

Sweetspot

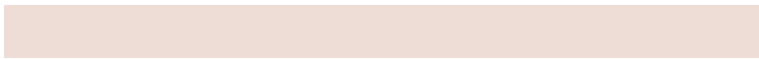
The Sweet Spot groups the original color and five complimentary colors.



75.9931, 83.1635, 75.6665



93.1420, 99.1559, 102.5090



72.9936, 74.2212, 74.0985



19.8291, 21.1760, 21.5848



0.0000, 0.0000, 0.0000



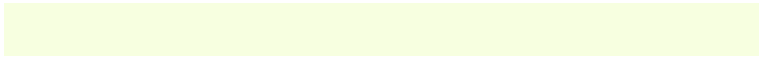
20.3446, 21.4041, 23.3091

Same Dimension

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



75.9931, 83.1635, 75.6665



87.7485, 96.7605, 84.8576



72.2301, 81.2236, 75.4904



16.7143, 18.2484, 16.7911



27.4843, 39.4902, 6.1738



2.3766, 3.3317, 0.5178

Inverse Universe

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



68.9977, 69.4842, 90.6686



78.1098, 77.9116, 105.5293



72.7608, 71.4241, 90.8447



15.2677, 15.4197, 19.8932



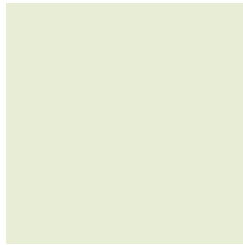
9.7334, 4.0231, 45.3914



0.8979, 0.3801, 3.7803

Previews

White Background



This preview shows how the XYZ color 75.9908, 83.1599, 75.6647 looks on a white background.

Color Contrast Check

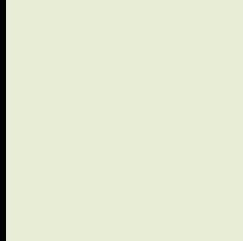
Large Text (above 18pt) WCAG AA × Fail

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 75.9908, 83.1599, 75.6647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

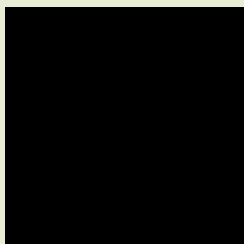
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

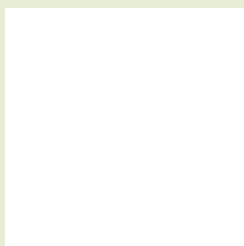
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9908, 83.1599, 75.6647

Background



This preview shows how black text looks on a background with the XYZ color 75.9908, 83.1599, 75.6647.



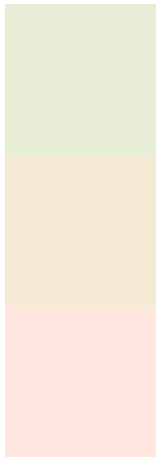
This preview shows how white text looks on a background with the XYZ color 75.9908, 83.1599,

75.6647.

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

75.9908, 83.1599, 75.6647

Protanopia

78.9627, 83.0116, 74.1484

Deuteranopia

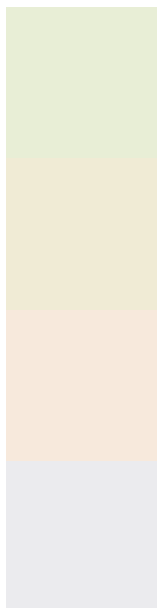
82.8561, 83.1813, 81.5007



Tritanopia

81.4766, 83.2474, 103.0409

Trichromacy



Original Color

75.9908, 83.1599, 75.6647

Protanomaly

77.6538, 82.7460, 74.8296

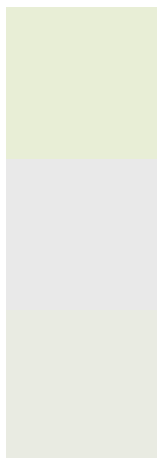
Deuteranomaly

80.4150, 83.2193, 79.5348

Tritanomaly

79.4019, 83.2519, 92.7732

Monochromacy



Original Color

75.9908, 83.1599, 75.6647

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.0401, 82.2313, 83.7633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9908, 83.1599, 75.6647 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(232, 238, 214) looks like.

```
.text, #text, p{  
    color:rgb(232, 238, 214)  
}
```

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(232, 238, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 238, 214) }
```

Border

The CSS property to change the border of an element to XYZ 75.9908, 83.1599, 75.6647 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(232, 238, 214) }
```


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

```
.border{ border-color:rgb(232, 238, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 238, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 238, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 238, 214);  
box-shadow:4px 4px 4px 4px rgb(232, 238,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9908, 83.1599, 75.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 238, 214) }
```

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

```
.background{ background-color: rgb(232,  
238, 214) }
```

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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