

Converting Colors

XYZ(75.1955, 77.5192, 90.2293)

Have a look what the booklet for
XYZ(75.1955, 77.5192, 90.2293)
contains.

XYZ(75.2917, 77.4378, 90.3356)	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(75.2917, 77.4378,
90.3356)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E2EC
RGB	231, 226, 236
RGB Percent	91%, 89%, 93%
CMY	0.0941, 0.1137, 0.0745
CMYK	0.02, 0.04, 0.00, 0.07
HSL	270°, 21%, 91%
HSV	270°, 4%, 93%
XYZ	75.2917, 77.4378, 90.3356
YIQ	228.6350, -0.2300, 4.1700

Conversions

Conversions Part 2

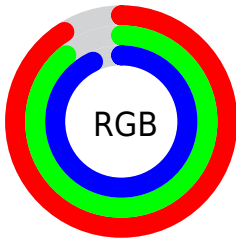
Format	Color
R _Y B	231, 226, 236
Decimal	15196908
CIE Lab	90.52, 3.49, -4.27
CIE LCh	91, 5.513, 309.230
Yxy	77.4378, 0.3098, 0.3186
Android (android.graphics.Color)	4293386988 (0xFFE7E2EC)
YUV	228.6350, 3.6309, 2.0741
Hunter-Lab	87.9987, -1.2733, 0.7346

Details

The XYZ color **75.2917, 77.4378, 90.3356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.6809, 82.4729, 83.8328**, and the grayscale version is **74.1843, 78.0476, 84.9939**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4803, 41.5351, 49.0635** is the 20% darker color. If you saturate the color by 10%, you get **65.6291, 63.5784, 88.1709**, and if you desaturate by 10%, it is **86.0990, 93.2028, 92.8101**.

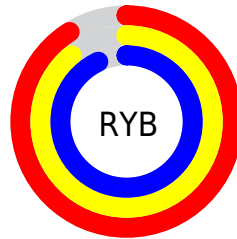
Distribution



Red (91%)

Green (89%)

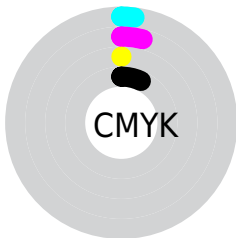
Blue (93%)



Red (91%)

Yellow (89%)

Blue (93%)

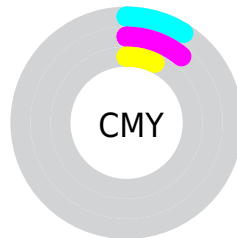


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2917, 77.4378, 90.3356 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 75.2917, 77.4378, 90.3356 by changing the saturation by 10% instead.

■ 75.2917, 77.4378,
90.3356

■ 75.2917, 77.4378,
90.3356

467.9013,
486.2554, 549.7202

■ 56.1469, 57.6123,
67.6837

125.7109,
129.7573, 149.7441

■ 40.5582, 41.4970,
49.1754

157.7160,
163.0200, 187.3377

■ 28.1602, 28.7076,
34.3921

194.7386,
201.5307, 230.7491

■ 18.5875, 18.8598,
22.9152

237.1440,
245.6735, 280.3967

■ 11.4748, 11.5690,
14.3262

285.2977,
295.8330, 336.6991

■ 6.4568, 6.4509,
8.2065

339.5649,

■ 3.1681, 3.1212,

352.3936, 400.0747

4.1377

400.3110,
415.7396, 470.9423

■ 1.2433, 1.1953,
1.7012

■ 0.1401, 0.0579,
0.3616

■ 75.2917, 77.4378,
90.3356

■ 75.2917, 77.4378,
90.3356

■ 65.6291, 63.5784,
88.1709

■ 86.0990, 93.2028,
92.8101

■ 57.0636, 51.5404,
86.2988

■ 91.9975, 98.7625,
93.5724

■ 49.5540, 41.2478,
84.7079

■ 92.1406, 98.8362,
93.5790

■ 43.0537, 32.6154,
83.3843

■ 37.5123, 25.5506,
82.3127

■ 32.8745, 19.9514,
81.4764

■ 29.0787, 15.7033,
80.8565

■ 26.0539, 12.6738,
80.4312

■ 23.7149, 10.7018,
80.1738

Harmonies

Analogous

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



74.0284, 77.4378, 92.0350



75.2917, 77.4378, 90.3356



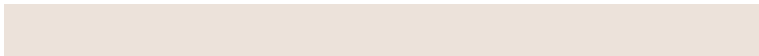
76.1090, 77.4378, 87.0378

Triad

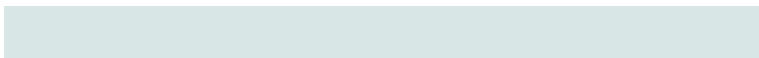
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2917, 77.4378, 90.3356



74.5464, 77.4378, 77.4149



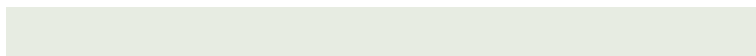
71.0165, 77.4378, 85.5403

Complementary

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



75.2917, 77.4378, 90.3356



76.6809, 82.4729, 83.8328

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.



71.1513, 77.4378, 81.6528



75.2917, 77.4378, 90.3356



73.1779, 77.4378, 77.0423

Square

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



75.2917, 77.4378, 90.3356



75.6750, 77.4378, 79.6054



71.9384, 77.4378, 78.5711



71.5678, 77.4378, 89.2101

Rectangle

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



75.2917, 77.4378, 90.3356



76.2851, 77.4378, 84.4187



71.9384, 77.4378, 78.5711



70.9832, 77.4378, 84.2146

Sweetspot

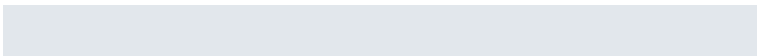
The Sweet Spot groups the original color and five complimentary colors.



75.2939, 77.4411, 90.3373



93.7742, 98.1427, 108.6087



75.1299, 79.4730, 90.7381



20.0850, 21.0262, 23.2498



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.



75.2939, 77.4411, 90.3373



88.8091, 90.9436, 107.4809



76.8757, 78.2565, 90.4113



15.7436, 16.0626, 19.1929



12.6100, 5.5366, 44.1470



1.1011, 0.4920, 3.4718

Inverse Universe

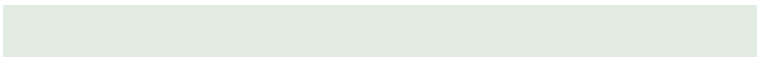
The Inverse Universe completely reimagines the original color for something new.



76.2150, 77.9987, 86.6436



90.1074, 91.7295, 102.2745



75.1422, 81.6797, 83.7608



16.0056, 16.2212, 18.1421



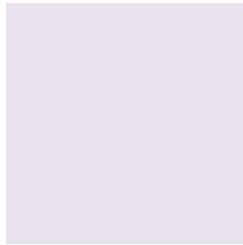
20.9371, 10.5775, 10.7362



1.6926, 0.8500, 1.0988

Previews

White Background



This preview shows how the XYZ color 75.2917, 77.4378, 90.3356 looks on a white background.

Color Contrast Check

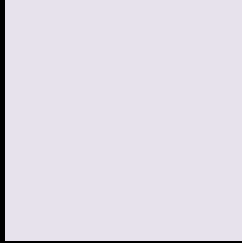
Large Text (above 18pt) WCAG AA × Fail

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 75.2917, 77.4378, 90.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

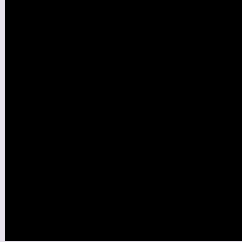
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

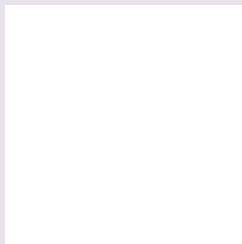
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2917, 77.4378, 90.3356

Background



This preview shows how black text looks on a background with the XYZ color 75.2917, 77.4378, 90.3356.



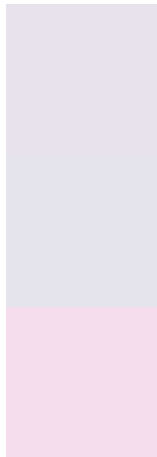
This preview shows how white text looks on a background with the XYZ color 75.2917, 77.4378,

90.3356.

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

75.2917, 77.4378, 90.3356

Protanopia

74.9225, 77.6523, 90.3964

Deuteranopia

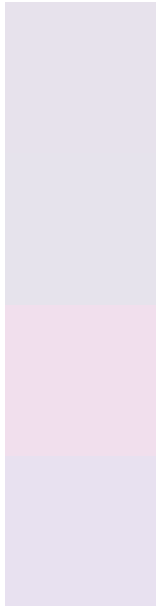
79.1485, 77.4202, 90.8928



Tritanopia

76.3816, 77.4773, 95.7229

Trichromacy



Original Color

75.2917, 77.4378, 90.3356

Protanomaly

75.2425, 77.8173, 90.4114

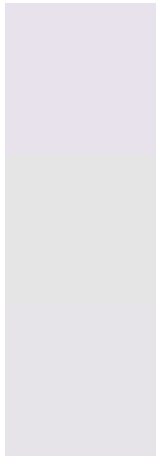
Deuteranomaly

77.9494, 77.5905, 90.9889

Tritanomaly

75.9321, 77.2975, 93.3559

Monochromacy



Original Color

75.2917, 77.4378, 90.3356

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9420, 78.1360, 87.4758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2917, 77.4378, 90.3356 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(231, 226, 236) looks like.

```
.text, #text, p{  
    color:rgb(231, 226, 236)  
}
```

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(231, 226, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 226, 236) }
```

Border

The CSS property to change the border of an element to XYZ 75.2917, 77.4378, 90.3356 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(231, 226, 236) }
```


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

```
.border{ border-color:rgb(231, 226, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 226, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 226, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 226, 236);  
box-shadow:4px 4px 4px 4px rgb(231, 226,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2917, 77.4378, 90.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 226, 236) }
```

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

```
.background{ background-color: rgb(231,  
226, 236) }
```

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