Converting Colors

XYZ(77.4077, 76.3404, 89.2403)

Have a look what the booklet for XYZ(77.4077, 76.3404, 89.2403) contains.

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Color

XYZ(77.2065, 76.0618, 89.2094)

Conversions

Format	Color
Hex	F2DCEB
RGB	242, 220, 235
RGB Percent	95%, 86%, 92%
CMY	0.0510, 0.1372, 0.0784
CMYK	0.00, 0.09, 0.03, 0.05
HSL	319°, 46%, 91%
HSV	319°, 9%, 95%
XYZ	77.2065, 76.0618, 89.2094
YIQ	228.2880, 8.2970, 9.3290

Conversions Part 1

Conversions

Conversions Part 2

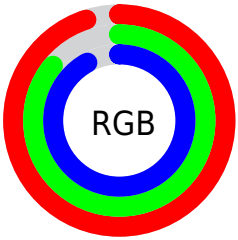
Format	Color
RYB	242, 220, 235
Decimal	15916267
CIELab	89.89, 10.11, -4.58
CIELCh	90, 11.100, 335.630
Yxy	76.0618, 0.3184, 0.3137
Android (android.graphics.Color)	4294106347 (0xFFF2DCEB)
YUV	228.2880, 3.3090, 12.0254
Hunter-Lab	87.2134, 5.3953, 0.4025

Details

The XYZ color 77.2065, 76.0618, 89.2094 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 75.1353, 84.2679, 84.9823, and the grayscale version is 73.9277, 77.7777, 84.6999.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 41.8415, 40.6040, 48.2799 is the 20% darker color. If you saturate the color by 10%, you get 70.2211, 63.8323, 81.5101, and if you desaturate by 10%, it is 85.1639, 90.1559, 97.4722.

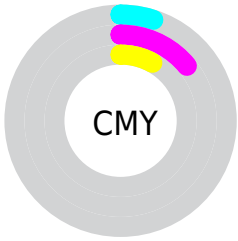
Distribution



- Red (95%)
- Green (86%)
- Blue (92%)

- Red (95%)
- Yellow (86%)
- Blue (92%)

- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2065, 76.0618, 89.2094 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 77.2065, 76.0618, 89.2094 by changing the saturation by 10% instead.

77.2065, 76.0618, 89.2094

77.2065, 76.0618, 89.2094

474.3490, 481.5592, 545.9593

57.7229, 56.4832, 66.7551

128.4022, 127.8143, 148.1656

41.8283, 40.5905, 48.4253

160.8451, 160.7569, 185.5046

29.1574, 27.9992, 33.8014

198.3383, 198.9230, 228.6423

19.3448, 18.3251, 22.4650

241.2474, 242.6969, 277.9972

12.0252, 11.1836, 13.9974

289.9377, 292.4632, 333.9877

6.8331, 6.1905, 7.9801

344.7744,

3.4034, 2.9612,

348.6060, 397.0326

406.1231, 411.5099, 467.5503

3.9946

1.3705, 1.1115, 1.6224

0.2351, 0.0000, 0.3067

77.2065, 76.0618, 89.2094

77.2065, 76.0618, 89.2094

70.2211, 63.8323, 81.5101

85.1639, 90.1559, 97.4722

64.1611, 53.3786, 74.3532

89.6972, 97.3250, 104.8333

58.9859, 44.6195, 67.7229

90.4284, 97.6175, 108.6837

54.6494, 37.4634, 61.6007

51.1009, 31.8102, 55.9667

48.2841, 27.5483, 50.7988

46.1349, 24.5507, 46.0724

44.5774, 22.6666, 41.7589

43.4967, 21.6671, 37.8164

Harmonies

Analogous

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

75.4110, 76.0618, 95.7137

77.2065, 76.0618, 89.2094

77.6719, 76.0618, 81.3451

Triad

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

77.2065, 76.0618, 89.2094

71.7782, 76.0618, 68.6760

68.0913, 76.0618, 91.9341

Complementary

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

77.2065, 76.0618, 89.2094

75.1353, 84.2679, 84.9823

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.

67.1711, 76.0618, 84.3093

77.2065, 76.0618, 89.2094

69.2650, 76.0618, 71.1366

Square

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

77.2065, 76.0618, 89.2094

74.4929, 76.0618, 69.8058

67.5953, 76.0618, 76.7401

70.1397, 76.0618, 97.3552

Rectangle

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

77.2065, 76.0618, 89.2094

77.1553, 76.0618, 76.4542

67.5953, 76.0618, 76.7401

67.6422, 76.0618, 89.5263

Sweetspot

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

77.2087, 76.0651, 89.2110

92.2684, 95.0600, 106.0513

73.2913, 73.9264, 94.4118

19.5938, 20.0712, 22.5385

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.

77.2087, 76.0651, 89.2110

85.3412, 82.8292, 98.7375

75.6728, 75.4508, 81.1233

16.2277, 15.9408, 18.7555

23.3841, 11.6261, 20.4710

1.9903, 0.9852, 1.9399

Inverse Universe

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

77.2087, 76.0651, 89.2110

85.3412, 82.8292, 98.7375

76.6975, 84.8928, 93.2084

16.2277, 15.9408, 18.7555

23.3841, 11.6261, 20.4710

1.9903, 0.9852, 1.9399

Previews

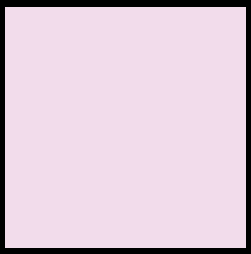
White Background

This preview shows how the XYZ color 77.2065, 76.0618, 89.2094 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



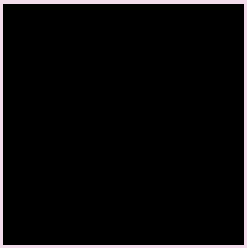
This preview shows how the XYZ color 77.2065, 76.0618, 89.2094 looks on a black background.

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 77.2065, 76.0618, 89.2094 Background



This preview shows how black text looks on a background with the XYZ color 77.2065, 76.0618, 89.2094.

This preview shows how white text looks on a background with the XYZ color 77.2065, 76.0618,

89.2094.

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
77.2065, 76.0618, 89.2094

Protanopia
74.0364, 76.3544, 91.7247

Deuteranopia
77.6351, 75.8943, 89.1545

Tritanopia
77.4972, 76.1781, 90.7401

Trichromacy

Original Color
77.2065, 76.0618, 89.2094

Protanomaly
74.9524, 76.0456, 90.8486

Deuteranomaly
77.2891, 75.7159, 89.1383

Tritanomaly
77.3515, 76.1198, 89.9726

Monochromacy

Original Color
77.2065, 76.0618, 89.2094

Achromatopsia
73.7419, 77.5822, 84.4870

Achromatomaly
74.9533, 76.9436, 86.5024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2065, 76.0618, 89.2094 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(242, 220, 235) looks like.

```
.text, #text, p{
    color:rgb(242, 220, 235)
}
```

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(242, 220, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 220, 235) }
```

Border

The CSS property to change the border of an element to XYZ 77.2065, 76.0618, 89.2094 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(242, 220, 235) }
```

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

```
.border{ border-color:rgb(242, 220, 235) }
```

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

Here you see how a box with a 4 pixel rgb(242, 220, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 220, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 220, 235); box-shadow:4px 4px 4px 4px rgb(242, 220, 235) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2065, 76.0618, 89.2094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(242, 220, 235) }
```

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

```
.background{ background-color:rgb(242,
220, 235) }
```

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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