

Converting Colors

XYZ(76.5743, 75.2083, 90.6015)

Have a look what the booklet for
XYZ(76.5743, 75.2083, 90.6015)
contains.

XYZ(76.5528, 75.3027, 90.6209)	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(76.5528, 75.3027,
90.6209)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DBED
RGB	240, 219, 237
RGB Percent	94%, 86%, 93%
CMY	0.0588, 0.1412, 0.0706
CMYK	0.00, 0.09, 0.01, 0.06
HSL	309°, 41%, 90%
HSV	309°, 9%, 94%
XYZ	76.5528, 75.3027, 90.6209
YIQ	227.3310, 6.7380, 10.0500

Conversions

Conversions Part 2

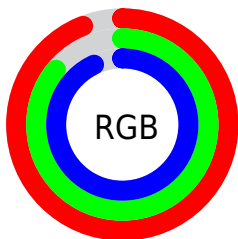
Format	Color
R _Y B	240, 219, 237
Decimal	15784941
CIE Lab	89.53, 10.31, -6.17
CIE LCh	90, 12.020, 329.106
Yxy	75.3027, 0.3157, 0.3106
Android (android.graphics.Color)	4293975021 (0xFFF0DBED)
YUV	227.3310, 4.7668, 11.1107
Hunter-Lab	86.7771, 5.6086, -1.1722

Details

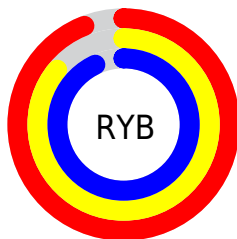
The XYZ color **76.5528, 75.3027, 90.6209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5612, 82.6563, 81.1884**, and the grayscale version is **73.2193, 77.0324, 83.8883**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3831, 40.0775, 49.2707** is the 20% darker color. If you saturate the color by 10%, you get **70.2419, 63.4741, 86.0695**, and if you desaturate by 10%, it is **83.7803, 88.9470, 95.5269**.

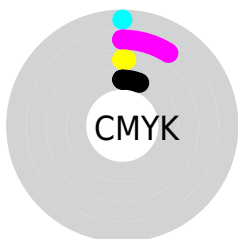
Distribution



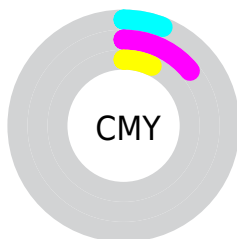
- Red (94%)
- Green (86%)
- Blue (93%)



- Red (94%)
- Yellow (86%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5528, 75.3027, 90.6209 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 76.5528, 75.3027, 90.6209 by changing the saturation by 10% instead.


 76.5528, 75.3027,
90.6209

 76.5528, 75.3027,
90.6209


472.1533,
478.9573, 550.6707

 57.1846, 55.8609,
67.9191


127.4842,
126.7408, 150.1436

 41.3941, 40.0914,
49.3657


159.7781,
159.5058, 187.8016

 28.8162, 27.6098,
34.5420


197.1112,
197.4807, 231.2821

 19.0854, 18.0317,
23.0296

239.8490,
241.0499, 281.0036

 11.8364, 10.9728,
14.4098

288.3567,
290.5978, 337.3847

 6.7038, 6.0485,
8.2643

342.9998,

 3.3222, 2.8746,

346.5087, 400.8438

4.1743

404.1435,
409.1671, 471.7997

■ 1.3264, 1.0666,
1.7215

■ 0.2028, 0.0000,
0.3754

■ 76.5528, 75.3027,
90.6209

■ 76.5528, 75.3027,
90.6209

■ 70.2419, 63.4741,
86.0695

■ 83.7803, 88.9470,
95.5269

■ 64.8026, 53.3745,
81.8548

■ 88.0037, 96.5687,
99.4782

■ 60.1958, 44.9248,
77.9643

■ 88.5290, 96.7789,
102.2446

■ 56.3769, 38.0357,
74.3830

■ 89.0641, 96.9929,
105.0623

■ 53.2970, 32.6097,
71.0942

■ 89.6090, 97.2109,
107.9315

■ 50.9018, 28.5382,
68.0797

■ 89.7458, 97.2656,
108.6518

■ 49.1294, 25.6974,
65.3184

■ 47.9066, 23.9411,
62.7857

■ 47.1255, 23.0536,
60.4455

Harmonies

Analogous

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



74.3684, 75.3027, 97.0238



76.5528, 75.3027, 90.6209



77.3970, 75.3027, 82.2456

Triad

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



76.5528, 75.3027, 90.6209



71.6615, 75.3027, 66.7946



66.7294, 75.3027, 90.1524

Complementary

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



76.5528, 75.3027, 90.6209



73.5612, 82.6563, 81.1884

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.



66.0486, 75.3027, 81.7386



76.5528, 75.3027, 90.6209



68.8485, 75.3027, 68.5986

Square

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



76.5528, 75.3027, 90.6209



74.5258, 75.3027, 68.8239



66.8139, 75.3027, 73.9287



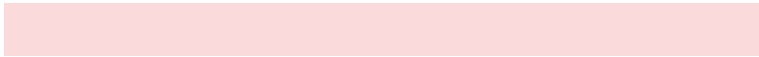
68.6992, 75.3027, 96.7405

Rectangle

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



76.5528, 75.3027, 90.6209



77.0690, 75.3027, 76.7875



66.8139, 75.3027, 73.9287



66.3446, 75.3027, 87.4262

Sweetspot

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



76.5550, 75.3060, 90.6225



92.4824, 95.1456, 107.1783



71.1259, 72.4561, 92.6761



19.6517, 20.0944, 22.8434



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.



76.5550, 75.3060, 90.6225



86.8667, 84.5633, 103.3055



75.0930, 74.7212, 82.9239



16.3515, 15.9903, 19.4070



25.7885, 12.5878, 33.1324



2.1717, 1.0577, 2.8951

Inverse Universe

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



76.5550, 75.3060, 90.6225



86.8667, 84.5633, 103.3055



74.9842, 83.2255, 88.6819



16.3515, 15.9903, 19.4070



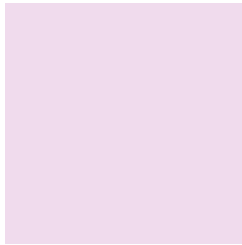
25.7885, 12.5878, 33.1324



2.1717, 1.0577, 2.8951

Previews

White Background



This preview shows how the XYZ color 76.5528, 75.3027, 90.6209 looks on a white background.

Color Contrast Check

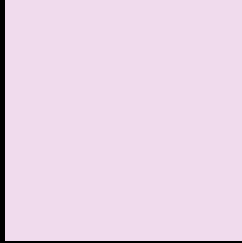
Large Text (above 18pt) WCAG AA × Fail

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 76.5528, 75.3027, 90.6209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

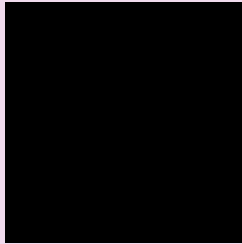
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5528, 75.3027, 90.6209

Background



This preview shows how black text looks on a background with the XYZ color 76.5528, 75.3027, 90.6209.



This preview shows how white text looks on a background with the XYZ color 76.5528, 75.3027,

90.6209.

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

76.5528, 75.3027, 90.6209

Protanopia

73.4352, 75.6101, 93.1618

Deuteranopia

76.6331, 74.9580, 90.5501



Tritanopia

76.4070, 75.2444, 89.8534

Trichromacy



Original Color

76.5528, 75.3027, 90.6209

Protanomaly

74.3344, 75.2975, 92.2774

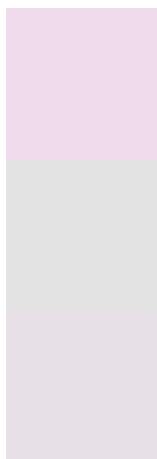
Deuteranomaly

76.6331, 74.9580, 90.5501

Tritanomaly

76.4070, 75.2444, 89.8534

Monochromacy



Original Color

76.5528, 75.3027, 90.6209

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.3582, 76.2366, 86.3974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5528, 75.3027, 90.6209 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(240, 219, 237) looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 237)  
}
```

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(240, 219, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 237) }
```

Border

The CSS property to change the border of an element to XYZ 76.5528, 75.3027, 90.6209 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(240, 219, 237) }
```


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

```
.border{ border-color:rgb(240, 219, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 219, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 237);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5528, 75.3027, 90.6209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 237) }
```

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

```
.background{ background-color: rgb(240,  
219, 237) }
```

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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