

Converting Colors

XYZ(76.0158, 72.7953,
104.6339)

Have a look what the booklet for
XYZ(76.0158, 72.7953, 104.6339)
contains.

XYZ(76.0283, 72.8056, 104.6535)	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(76.0283, 72.8056,
104.6535)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD6FF
RGB	234, 214, 255
RGB Percent	92%, 84%, 100%
CMY	0.0823, 0.1608, 0.0000
CMYK	0.08, 0.16, 0.00, 0.00
HSL	269°, 100%, 92%
HSV	269°, 16%, 100%
XYZ	76.0283, 72.8056, 104.6535
YIQ	224.6540, -1.2410, 16.9910

Conversions

Conversions Part 2

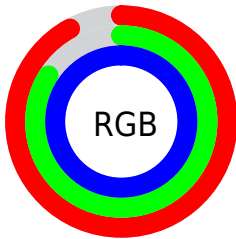
Format	Color
R_YB	234, 214, 255
Decimal	15390463
CIE Lab	88.35, 14.33, -17.45
CIE LCh	88, 22.586, 309.395
Yxy	72.8056, 0.2999, 0.2872
Android (android.graphics.Color)	4293580543 (0xFFEAD6FF)
YUV	224.6540, 14.9606, 8.1964
Hunter-Lab	85.3262, 9.7282, -12.9915

Details

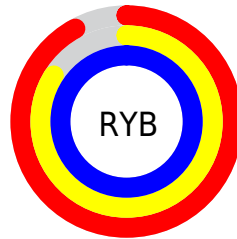
The XYZ color **76.0283, 72.8056, 104.6535** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.1602, 94.0380, 77.4427**, and the grayscale version is **71.2182, 74.9271, 81.5957**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9513, 38.3385, 58.6678** is the 20% darker color. If you saturate the color by 10%, you get **65.9421, 58.7656, 102.4751**, and if you desaturate by 10%, it is **87.4448, 89.0350, 107.1844**.

Distribution



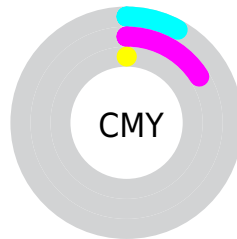
- Red (92%)
- Green (84%)
- Blue (100%)



- Red (92%)
- Yellow (84%)
- Blue (100%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0283, 72.8056, 104.6535 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 76.0283, 72.8056, 104.6535 by changing the saturation by 10% instead.

76.0283, 72.8056,
104.6535

76.0283, 72.8056,
104.6535

470.3875,
470.3408, 596.3850

56.7528, 53.8170,
79.5541

126.7471,
123.2012, 169.6450

41.0462, 38.4554,
58.8275

158.9211,
155.3770, 210.3742

28.5430, 26.3363,
42.0551

196.1253,
192.7173, 257.1504

18.8779, 17.0754,
28.8186

238.7251,
235.6066, 310.3921

11.6856, 10.2883,
18.6992

287.0859,
284.4292, 370.5179

6.6006, 5.5905,
11.2785

341.5730,

3.2577, 2.5977,

339.5695, 437.9463

6.1380

402.5517,
401.4119, 513.0958

■ 1.2915, 0.9255,
2.8590

■ 0.1768, 0.0000,
1.0231

■ 76.0283, 72.8056,
104.6535

■ 76.0283, 72.8056,
104.6535

■ 65.9421, 58.7656,
102.4751

■ 87.4448, 89.0350,
107.1844

■ 57.1267, 46.8087,
100.6318

95.0500, 100.0000,
108.9000

■ 49.5264, 36.8332,
99.1069

■ 43.0788, 28.7250,
97.8817

■ 37.7152, 22.3579,
96.9354

■ 33.3587, 17.5895,
96.2447

■ 29.9199, 14.2536,
95.7820

■ 27.2898, 12.1445,
95.5135

■ 26.4182, 11.5340,
95.4416

Harmonies

Analogous

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



70.9152, 72.8056, 112.5239



76.0283, 72.8056, 104.6535



79.4224, 72.8056, 90.2498

Triad

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



76.0283, 72.8056, 104.6535



72.9331, 72.8056, 54.4841



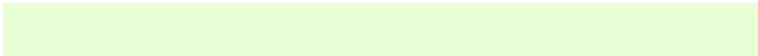
59.4165, 72.8056, 84.2468

Complementary

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



76.0283, 72.8056, 104.6535



82.1602, 94.0380, 77.4427

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.



59.8938, 72.8056, 69.2242



76.0283, 72.8056, 104.6535



67.5118, 72.8056, 53.3171

Square

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



76.0283, 72.8056, 104.6535



77.5716, 72.8056, 61.7955



62.7924, 72.8056, 58.3683



61.4526, 72.8056, 99.7693

Rectangle

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



76.0283, 72.8056, 104.6535



80.1550, 72.8056, 79.5885



62.7924, 72.8056, 58.3683



59.2908, 72.8056, 78.9582

Sweetspot

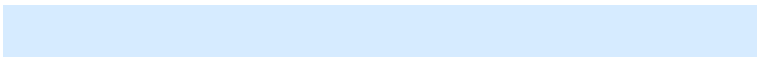
The Sweet Spot groups the original color and five complimentary colors.



76.0303, 72.8086, 104.6540



88.7546, 90.9155, 107.4783



75.5447, 81.0401, 106.2684



18.8137, 19.1962, 22.9636



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.



76.0303, 72.8086, 104.6540



72.9460, 68.4813, 103.9813



83.0870, 76.4464, 104.9842



17.8466, 17.8126, 22.7475



13.9752, 6.1149, 49.8783



1.4863, 0.6601, 4.8624

Inverse Universe

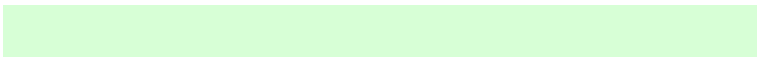
The Inverse Universe completely reimagines the original color for something new.



80.2837, 75.3541, 88.9130



77.9196, 71.4582, 85.5590



75.8312, 90.7753, 77.1465



18.3978, 18.1424, 20.7117



23.7515, 11.9899, 12.6078



2.3678, 1.1895, 1.5183

Previews

White Background



This preview shows how the XYZ color 76.0283, 72.8056, 104.6535 looks on a white background.

Color Contrast Check

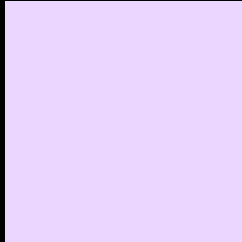
Large Text (above 18pt) WCAG AA × Fail

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 76.0283, 72.8056, 104.6535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

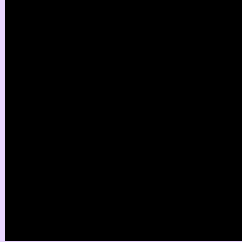
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0283, 72.8056, 104.6535

Background



This preview shows how black text looks on a background with the XYZ color 76.0283, 72.8056, 104.6535.



This preview shows how white text looks on a background with the XYZ color 76.0283, 72.8056,

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

76.0283, 72.8056, 104.6535

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

74.6008, 72.8257, 104.7326



Tritanopia

73.0218, 73.1299, 88.8641

Trichromacy



Original Color

76.0283, 72.8056, 104.6535

Protanomaly

73.2456, 72.8924, 104.8169

Deuteranomaly

74.9836, 72.6439, 104.6774

Tritanomaly

74.1186, 73.1923, 94.2255

Monochromacy



Original Color

76.0283, 72.8056, 104.6535

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.9917, 74.2630, 89.8440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0283, 72.8056, 104.6535 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(234, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 214, 255)  
}
```

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(234, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.0283, 72.8056, 104.6535 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(234, 214, 255) }
```


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

```
.border{ border-color:rgb(234, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0283, 72.8056, 104.6535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 214, 255) }
```

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

```
.background{ background-color: rgb(234,  
214, 255) }
```

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