

Converting Colors

XYZ(72.5046, 65.9610,
103.5181)

Have a look what the booklet for
XYZ(72.5046, 65.9610, 103.5181)
contains.

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Color

**XYZ(72.6360, 66.0210,
103.5227)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EAC8FF |
| RGB | 234, 200, 255 |
| RGB Percent | 92%, 78%, 100% |
| CMY | 0.0823, 0.2157, 0.0000 |
| CMYK | 0.08, 0.22, 0.00, 0.00 |
| HSL | 277°, 100%, 89% |
| HSV | 277°, 22%, 100% |
| XYZ | 72.6360, 66.0210, 103.5227 |
| YIQ | 216.4360, 2.6090, 24.3130 |

Conversions

Conversions Part 2

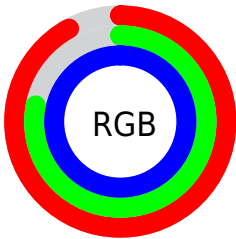
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 234, 200, 255 |
| Decimal | 15386879 |
| CIE _{Lab} | 85.01, 21.76, -22.51 |
| CIE _{LCh} | 85, 31.307, 314.021 |
| Yxy | 66.0210, 0.2999, 0.2726 |
| Android (android.graphics.Color) | 4293576959 (0xFFEAC8FF) |
| YUV | 216.4360, 19.0121, 15.4036 |
| Hunter-Lab | 81.2533, 17.3759, -18.6625 |

Details

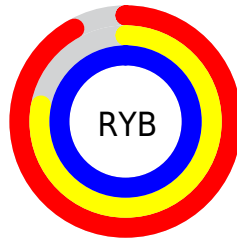
The XYZ color **72.6360, 66.0210, 103.5227** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.0056, 91.0630, 68.2177**, and the grayscale version is **65.4423, 68.8504, 74.9781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8320, 34.1000, 57.9614** is the 20% darker color. If you saturate the color by 10%, you get **64.1068, 53.5775, 101.5704**, and if you desaturate by 10%, it is **82.3295, 80.5303, 105.8124**.

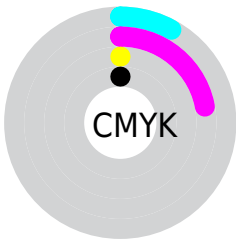
Distribution



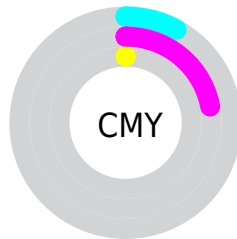
- Red (92%)
- Green (78%)
- Blue (100%)



- Red (92%)
- Yellow (78%)
- Blue (100%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6360, 66.0210, 103.5227 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 72.6360, 66.0210, 103.5227 by changing the saturation by 10% instead.

72.6360, 66.0210,
103.5227

72.6360, 66.0210,
103.5227

458.8756,
446.4520, 592.7716

53.9657, 48.2894,
78.6125

121.9662,
113.5165, 168.0838

38.8048, 34.0562,
58.0578

153.3569,
144.0492, 208.5717

26.7879, 22.9367,
41.4401

189.7184,
179.6177, 255.0894

17.5498, 14.5468,
28.3409

231.4160,
220.6065, 308.0552

10.7250, 8.5020,
18.3415

278.8152,
267.4000, 367.8878

5.9481, 4.4178,
11.0235

332.2813,

2.8539, 1.9099,

320.3824, 435.0057

5.9683

392.1797,
379.9383, 509.8274

■ 1.0770, 0.5543,
2.7573

■ 0.0057, 0.0000,
0.9721

■ 72.6360, 66.0210,
103.5227

■ 72.6360, 66.0210,
103.5227

■ 64.1068, 53.5775,
101.5704

■ 82.3295, 80.5303,
105.8124

■ 56.6847, 43.0925,
99.9378

■ 93.2298, 97.1894,
108.4534

■ 50.3157, 34.4613,
98.6075

95.0500, 100.0000,
108.9000

■ 44.9386, 27.5660,
97.5600

■ 40.4853, 22.2746,
96.7734

■ 36.8774, 18.4352,
96.2224

■ 34.0217, 15.8657,
95.8770

■ 32.0793, 14.4524,
95.7066

Harmonies

Analogous

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



66.0882, 66.0210, 116.4411



72.6360, 66.0210, 103.5227



76.6852, 66.0210, 83.0949

Triad

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



72.6360, 66.0210, 103.5227



66.5517, 66.0210, 40.6851



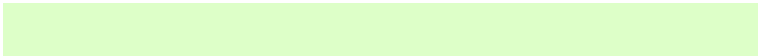
50.5123, 66.0210, 81.6935

Complementary

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



72.6360, 66.0210, 103.5227



76.0056, 91.0630, 68.2177

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.



50.6160, 66.0210, 61.7327



72.6360, 66.0210, 103.5227



59.5281, 66.0210, 40.4509

Square

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



72.6360, 66.0210, 103.5227



72.9972, 66.0210, 48.1699



53.8061, 66.0210, 47.4562



53.5115, 66.0210, 102.3327

Rectangle

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



72.6360, 66.0210, 103.5227



77.2464, 66.0210, 69.2012



53.8061, 66.0210, 47.4562



50.1929, 66.0210, 74.6386

Sweetspot

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



72.6379, 66.0237, 103.5232



88.2452, 89.5325, 107.2382



67.7501, 71.2587, 104.7912



18.7353, 18.9301, 22.9164



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.



72.6379, 66.0237, 103.5232



68.7155, 60.2573, 102.6169



78.9295, 69.3845, 98.5152



18.0815, 17.9338, 22.7585



16.9337, 7.6401, 50.0168



1.7706, 0.8067, 4.8757

Inverse Universe

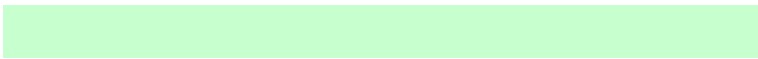
The Inverse Universe completely reimagines the original color for something new.



74.9470, 67.7915, 77.5436



71.5125, 62.3820, 71.8997



70.7726, 88.2768, 71.9702



18.2963, 18.1019, 20.1777



22.7521, 11.5901, 7.3451



2.2666, 1.1490, 0.9852

Previews

White Background



This preview shows how the XYZ color 72.6360, 66.0210, 103.5227 looks on a white background.

Color Contrast Check

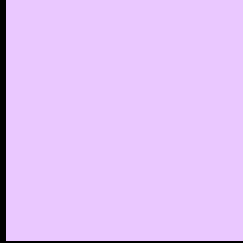
Large Text (above 18pt) WCAG AA × Fail

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 72.6360, 66.0210, 103.5227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

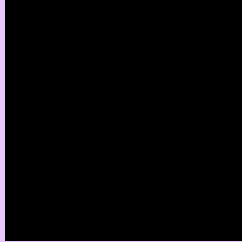
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6360, 66.0210, 103.5227

Background



This preview shows how black text looks on a background with the XYZ color 72.6360, 66.0210, 103.5227.

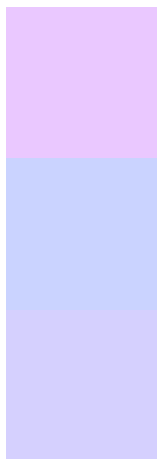


This preview shows how white text looks on a background with the XYZ color 72.6360, 66.0210,

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

72.6360, 66.0210, 103.5227

Protanopia

65.7014, 66.3651, 103.9546

Deuteranopia

67.8858, 66.4136, 103.0071



Tritanopia

67.5692, 66.0746, 78.2996

Trichromacy



Original Color

72.6360, 66.0210, 103.5227

Protanomaly

68.0944, 66.1418, 103.7854

Deuteranomaly

69.5395, 66.1906, 102.8769

Tritanomaly

69.3991, 66.1152, 86.9457

Monochromacy



Original Color

72.6360, 66.0210, 103.5227

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.7609, 67.4943, 84.3192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6360, 66.0210, 103.5227 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, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 200, 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, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.6360, 66.0210, 103.5227 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, 200, 255) }
```


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

```
.border{ border-color:rgb(234, 200, 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, 200, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 200,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6360, 66.0210, 103.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 200, 255) }
```

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

```
.background{ background-color: rgb(234,  
200, 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](#).

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