

Converting Colors

XYZ(60.6991, 40.8128, 75.1995)

Have a look what the booklet for
XYZ(60.6991, 40.8128, 75.1995)
contains.

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Color

**XYZ(60.6991, 40.8128,
75.1995)**

Conversions

Conversions Part 1

Format	Color
Hex	FB7EE0
RGB	251, 126, 224
RGB Percent	98%, 49%, 88%
CMY	0.0157, 0.5059, 0.1216
CMYK	0.00, 0.50, 0.11, 0.02
HSL	313°, 94%, 74%
HSV	313°, 50%, 98%
XYZ	60.6991, 40.8128, 75.1995
YIQ	174.5470, 43.0420, 56.9780

Conversions

Conversions Part 2

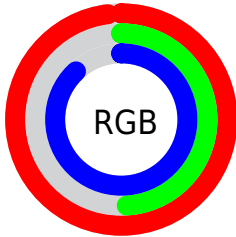
Format	Color
R_{YB}	251, 126, 224
Decimal	16482016
CIE _{Lab}	70.04, 59.70, -28.43
CIE _{LCh}	70, 66.121, 334.531
Yxy	40.8128, 0.3435, 0.2310
Android (android.graphics.Color)	4294672096 (0xFFFB7EE0)
YUV	174.5470, 24.3803, 67.0493
Hunter-Lab	63.8849, 57.8000, -25.0714

Details

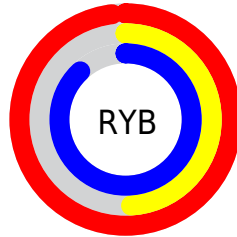
The XYZ color **60.6991, 40.8128, 75.1995** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **48.8530, 75.7313, 42.1828**, and the grayscale version is **40.3778, 42.4806, 46.2613**.

A 20% lighter version of the original color is **76.0179, 61.9359, 102.5560**, and **31.0898, 18.4514, 39.4590** is the 20% darker color. If you saturate the color by 10%, you get **57.1595, 34.8910, 70.4495**, and if you desaturate by 10%, it is **65.0698, 48.3578, 80.3430**.

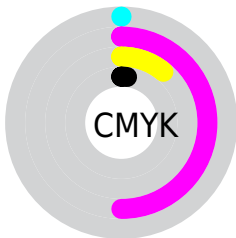
Distribution



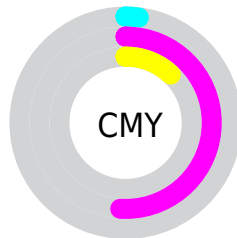
- Red (98%)
- Green (49%)
- Blue (88%)



- Red (98%)
- Yellow (49%)
- Blue (88%)



- Cyan (0%)
- Magenta (50%)
- Yellow (11%)
- Black (2%)





- Cyan (2%)
- Magenta (51%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6991, 40.8128, 75.1995 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 60.6991, 40.8128, 75.1995 by changing the saturation by 10% instead.


 60.6991, 40.8128,
75.1995


 60.6991, 40.8128,
75.1995


416.9634,
349.5376, 497.8767


 44.2340, 28.1728,
55.2736

 104.9437, 76.3996,
128.3444

 31.0532, 18.4560,
39.2208

 133.4539,
100.1153, 162.4005

 20.7914, 11.2779,
26.6224


 166.7099,
128.2917, 202.0038

 13.0832, 6.2540,
17.0599

205.0770,
161.3131, 247.5728

 7.5633, 3.0002,
10.1148

248.9205,
199.5640, 299.5261

 3.8662, 1.1318,
5.3685

298.6059,

 1.6267, 0.0049,

243.4288, 358.2821

2.4026

354.4984,
293.2919, 424.2595

■ 0.4097, 0.0000,
0.7878

■ 0.0000, 0.0000,
0.0000

■ 60.6991, 40.8128,
75.1995

■ 60.6991, 40.8128,
75.1995

■ 57.1595, 34.8910,
70.4495

■ 65.0698, 48.3578,
80.3430

■ 54.3854, 30.4638,
66.0689

■ 70.3229, 57.6305,
85.8970

■ 52.3077, 27.3925,
62.0341

■ 76.5102, 68.7331,
91.8802

■ 50.8426, 25.5100,
58.3159

■ 83.6780, 81.7585,
98.3090

■ 49.8551, 24.5466,
54.8682

■ 91.8699, 96.7931,
105.1990

■ 49.8371, 24.5307,
54.8005

■ 93.5941, 99.2494,
108.8319

Harmonies

Analogous

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



51.7807, 40.8128, 113.5618



60.6991, 40.8128, 75.1995



63.3674, 40.8128, 39.9073

Triad

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



60.6991, 40.8128, 75.1995



37.1752, 40.8128, 7.6252



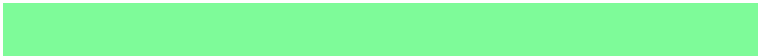
24.0867, 40.8128, 87.3465

Complementary

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



60.6991, 40.8128, 75.1995



48.8530, 75.7313, 42.1828

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.



21.5669, 40.8128, 49.2997



60.6991, 40.8128, 75.1995



28.1791, 40.8128, 11.2616

Square

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



60.6991, 40.8128, 75.1995



48.4146, 40.8128, 9.4844



22.9134, 40.8128, 23.4713



30.5361, 40.8128, 122.5641

Rectangle

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



60.6991, 40.8128, 75.1995



60.8927, 40.8128, 24.0518



22.9134, 40.8128, 23.4713



22.8125, 40.8128, 73.9551

Sweetspot

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



60.7004, 40.8147, 75.2003



82.7365, 77.4561, 98.3733



37.6380, 28.4684, 94.7789



17.3795, 15.9809, 20.7577



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.



60.7004, 40.8147, 75.2003



59.1695, 36.0340, 72.9089



53.9020, 38.0953, 39.4002



17.8231, 17.4566, 20.9241



26.2523, 12.9167, 29.1010



2.4699, 1.2117, 2.8978

Inverse Universe

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



60.7004, 40.8147, 75.2003



59.1695, 36.0340, 72.9089



55.1769, 78.2609, 75.4836



17.8231, 17.4566, 20.9241



26.2523, 12.9167, 29.1010



2.4699, 1.2117, 2.8978

Previews

White Background



This preview shows how the XYZ color 60.6991, 40.8128, 75.1995 looks on a white background.

Color Contrast Check

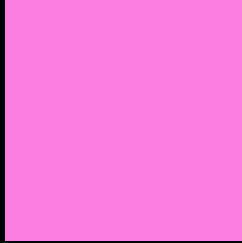
Large Text (above 18pt) WCAG AA × Fail

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 60.6991, 40.8128, 75.1995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

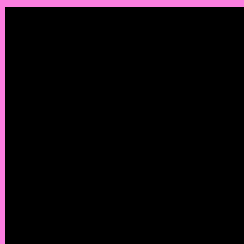
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6991, 40.8128, 75.1995

Background



This preview shows how black text looks on a background with the XYZ color 60.6991, 40.8128, 75.1995.



This preview shows how white text looks on a background with the XYZ color 60.6991, 40.8128,

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

60.6991, 40.8128, 75.1995

Protanopia

43.3933, 41.3467, 100.3014

Deuteranopia

42.0441, 41.0144, 71.3462



Tritanopia

52.3849, 40.7006, 35.2320

Trichromacy



Original Color

60.6991, 40.8128, 75.1995



Protanomaly

47.0118, 39.2592, 90.6879



Deuteranomaly

47.0745, 39.6855, 72.8891



Tritanomaly

54.9469, 40.4558, 47.5606

Monochromacy



Original Color

60.6991, 40.8128, 75.1995



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

46.3112, 40.6607, 55.8595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6991, 40.8128, 75.1995 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(251, 126, 224)` looks like.

```
.text, #text, p{  
    color:rgb(251, 126, 224)  
}
```

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(251, 126, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 126, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.6991, 40.8128, 75.1995 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(251, 126, 224) }
```


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

```
.border{ border-color:rgb(251, 126, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 126, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 126, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 126, 224);  
box-shadow:4px 4px 4px 4px rgb(251, 126,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6991, 40.8128, 75.1995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 126, 224) }
```

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

```
.background{ background-color: rgb(251,  
126, 224) }
```

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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