

Converting Colors

XYZ(55.7978, 32.4984, 68.9776)

Have a look what the booklet for
XYZ(55.7978, 32.4984, 68.9776)
contains.

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Color

**XYZ(55.7978, 32.4984,
68.9776)**

Conversions

Conversions Part 1

Format	Color
Hex	FB58D9
RGB	251, 88, 217
RGB Percent	98%, 35%, 85%
CMY	0.0157, 0.6549, 0.1490
CMYK	0.00, 0.65, 0.14, 0.02
HSL	313°, 95%, 66%
HSV	313°, 65%, 98%
XYZ	55.7978, 32.4984, 68.9776
YIQ	151.4430, 55.7390, 74.6750

Conversions

Conversions Part 2

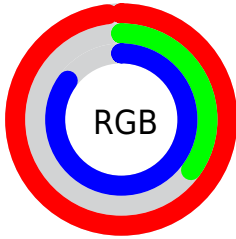
Format	Color
RYB	251, 88, 217
Decimal	16472281
CIELab	63.75, 74.90, -34.26
CIElCh	64, 82.365, 335.417
Yxy	32.4984, 0.3548, 0.2066
Android (android.graphics.Color)	4294662361 (0xFFFB58D9)
YUV	151.4430, 32.3196, 87.3115
Hunter-Lab	57.0074, 74.9497, -31.8344

Details

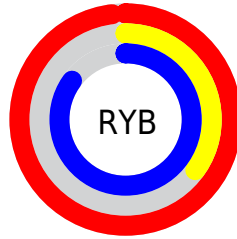
The XYZ color **55.7978, 32.4984, 68.9776** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **42.0362, 72.4755, 30.1888**, and the grayscale version is **29.4557, 30.9897, 33.7478**.

A 20% lighter version of the original color is **69.8799, 49.6598, 100.5100**, and **28.0183, 13.7067, 35.3513** is the 20% darker color. If you saturate the color by 10%, you get **53.4105, 28.7959, 64.8749**, and if you desaturate by 10%, it is **58.9178, 37.6305, 73.4316**.

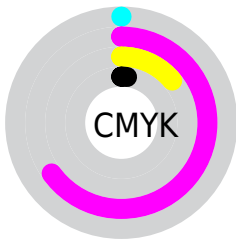
Distribution



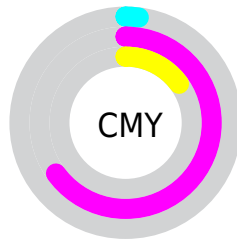
- Red (98%)
- Green (35%)
- Blue (85%)



- Red (98%)
- Yellow (35%)
- Blue (85%)



- Cyan (0%)
- Magenta (65%)
- Yellow (14%)
- Black (2%)





- Cyan (2%)
- Magenta (65%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7978, 32.4984, 68.9776 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 55.7978, 32.4984, 68.9776 by changing the saturation by 10% instead.

 55.7978, 32.4984,
68.9776


 55.7978, 32.4984,
68.9776

399.0164,
313.3834, 475.6438


 40.2772, 21.7425,
50.2218


 97.8504, 63.5916,
119.4170

 27.9399, 13.6678,
35.2173


 125.1131, 84.6977,
151.9377

 18.4206, 7.8900,
23.5454


 157.0206,
110.0226, 189.8837

 11.3539, 4.0246,
14.7877

 193.9381,
139.9507, 233.6737

 6.3744, 1.6873,
8.5255

236.2311,
174.8665, 283.7262

 3.1169, 0.4154,
4.3405

284.2649,

 1.2159, 0.0000,

215.1542, 340.4597

1.8139

338.4049,
261.1984, 404.2927

■ 0.1188, 0.0000,
0.4371

■ 0.0000, 0.0000,
0.0000

■ 55.7978, 32.4984,
68.9776

■ 55.7978, 32.4984,
68.9776

■ 53.4105, 28.7959,
64.8749

■ 58.9178, 37.6305,
73.4316

■ 51.6760, 26.3654,
61.0953


■ 62.8329, 44.3184,
78.2580

■ 50.5014, 25.0207,
57.6069

■ 67.6024, 52.6800,
83.4777


■ 50.0513, 24.6163,
55.9286

■ 73.2791, 62.8204,
89.1093

 79.9113, 74.8361,
95.1697

 87.5440, 88.8167,
101.6750

 93.3777, 99.1629,
107.6928

 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.



45.6252, 32.4984, 116.6192



55.7978, 32.4984, 68.9776



58.6841, 32.4984, 29.7154

Triad

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



55.7978, 32.4984, 68.9776



28.8398, 32.4984, 2.3276



16.0976, 32.4984, 86.5079

Complementary

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



55.7978, 32.4984, 68.9776



42.0362, 72.4755, 30.1888

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.



13.6382, 32.4984, 41.7340



55.7978, 32.4984, 68.9776



19.7256, 32.4984, 4.7449

Square

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



55.7978, 32.4984, 68.9776



41.0766, 32.4984, 3.3396



14.7780, 32.4984, 14.9765



22.5422, 32.4984, 130.4250

Rectangle

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



55.7978, 32.4984, 68.9776



55.5954, 32.4984, 14.5086



14.7780, 32.4984, 14.9765



14.8617, 32.4984, 70.2951

Sweetspot

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



55.7989, 32.5000, 68.9782



79.9091, 72.2540, 96.0355



28.7333, 17.9825, 93.2242



16.6858, 14.7086, 20.1721



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.



55.7989, 32.5000, 68.9782



54.7340, 28.9281, 65.9891



47.7830, 29.2936, 26.7673



17.8288, 17.4589, 20.9544



26.3637, 12.9612, 29.6873



2.4793, 1.2155, 2.9474

Inverse Universe

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



55.7989, 32.5000, 68.9782



54.7340, 28.9281, 65.9891



49.1957, 75.3393, 67.8902



17.8288, 17.4589, 20.9544



26.3637, 12.9612, 29.6873



2.4793, 1.2155, 2.9474

Previews

White Background



This preview shows how the XYZ color 55.7978, 32.4984, 68.9776 looks on a white background.

Color Contrast Check

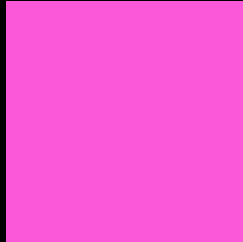
Large Text (above 18pt) WCAG AA × Fail

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 55.7978, 32.4984, 68.9776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

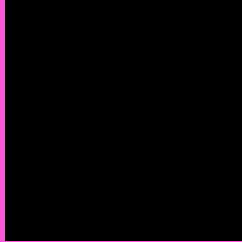
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7978, 32.4984, 68.9776

Background



This preview shows how black text looks on a background with the XYZ color 55.7978, 32.4984, 68.9776.

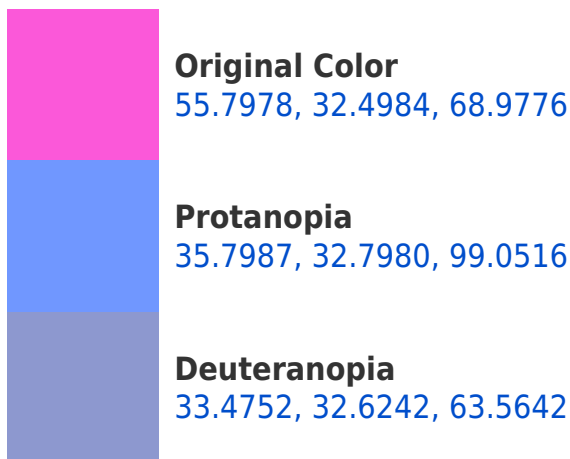


This preview shows how white text looks on a background with the XYZ color 55.7978, 32.4984,

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





Tritanopia

46.1481, 32.3170, 22.2179

Trichromacy



Original Color

55.7978, 32.4984, 68.9776



Protanomaly

38.7006, 29.5757, 86.8880



Deuteranomaly

38.6642, 30.2274, 65.4247



Tritanomaly

48.7936, 31.9499, 35.4935

Monochromacy



Original Color

55.7978, 32.4984, 68.9776



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

35.9506, 29.0983, 44.2792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7978, 32.4984, 68.9776 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, 88, 217)` looks like.

```
.text, #text, p{  
    color:rgb(251, 88, 217)  
}
```

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, 88, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 88, 217) }
```

Border

The CSS property to change the border of an element to XYZ 55.7978, 32.4984, 68.9776 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, 88, 217) }
```


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

```
.border{ border-color:rgb(251, 88, 217) }
```

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

Here you see how a box with a 4 pixel rgb(251, 88, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 88, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 88, 217);  
box-shadow:4px 4px 4px 4px rgb(251, 88,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7978, 32.4984, 68.9776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 88, 217) }
```

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

```
.background{ background-color: rgb(251, 88,  
217) }
```

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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