

Converting Colors

XYZ(47.1537, 23.2029, 73.0622)

Have a look what the booklet for
XYZ(47.1537, 23.2029, 73.0622)
contains.

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Color

**XYZ(47.1757, 23.2048,
73.2267)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E817E1 |
| RGB | 232, 23, 225 |
| RGB Percent | 91%, 9%, 88% |
| CMY | 0.0902, 0.9097, 0.1176 |
| CMYK | 0.00, 0.90, 0.03, 0.09 |
| HSL | 302°, 82%, 50% |
| HSV | 302°, 90%, 91% |
| XYZ | 47.1757, 23.2048, 73.2267 |
| YIQ | 108.5190, 59.7220, 107.1300 |

Conversions

Conversions Part 2

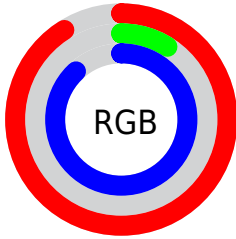
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 232, 23, 225 |
| Decimal | 15210465 |
| CIE Lab | 55.28, 88.63, -52.33 |
| CIE LCh | 55, 102.921, 329.442 |
| Yxy | 23.2048, 0.3285, 0.1616 |
| Android (android.graphics.Color) | 4293400545 (0xFFE817E1) |
| YUV | 108.5190, 57.4251, 108.2928 |
| Hunter-Lab | 48.1714, 90.5107, -56.4085 |

Details

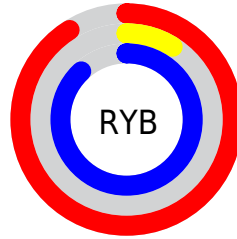
The XYZ color **47.1757, 23.2048, 73.2267** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **29.4454, 57.9903, 10.8710**, and the grayscale version is **14.2347, 14.9760, 16.3089**.

A 20% lighter version of the original color is **64.3416, 38.5832, 98.6639**, and **23.9560, 11.5225, 38.4976** is the 20% darker color. If you saturate the color by 10%, you get **46.7648, 22.5503, 72.5720**, and if you desaturate by 10%, it is **47.9618, 24.6061, 74.0132**.

Distribution



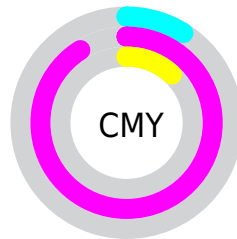
- Red (91%)
- Green (9%)
- Blue (88%)



- Red (91%)
- Yellow (9%)
- Blue (88%)



- Cyan (0%)
- Magenta (90%)
- Yellow (3%)
- Black (9%)





- Cyan (9%)
- Magenta (91%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1757, 23.2048, 73.2267 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 47.1757, 23.2048, 73.2267 by changing the saturation by 10% instead.

 47.1757, 23.2048,
73.2267

 47.1757, 23.2048,
73.2267


366.1526,
268.7751, 490.8920


 33.3831, 14.7448,
53.6684

 85.1930, 48.7294,
125.5229

 22.5807, 8.6405,
37.9452


 110.1484, 66.5628,
159.0979


 14.4032, 4.5074,
25.6387


 139.5554, 88.2894,
198.1821

 8.4852, 1.9613,
16.3302

 173.7794,
114.2937, 243.1942

 4.4614, 0.5848,
9.6012

 213.1858,
144.9600, 294.5527

 1.9663, 0.0000,
5.0332

258.1399,

 0.6149, 0.0000,

180.6728, 352.6762

2.2077

309.0070,
221.8163, 417.9831

■ 0.0000, 0.0000,
0.6788

■ 0.0000, 0.0000,
0.0000

■ 47.1757, 23.2048,
73.2267

■ 47.1757, 23.2048,
73.2267

■ 46.7648, 22.5503,
72.5720

■ 47.9618, 24.6061,
74.0132

■ 49.2370, 26.9857,
74.9650

■ 51.0713, 30.4827,
76.1056

■ 53.5227, 35.2130,
77.4542

■ 56.6418, 41.2781,
79.0278

■ 60.4742, 48.7689,
80.8416

■ 65.0613, 57.7684,
82.9093

■ 70.4415, 68.3532,
85.2438

■ 76.6504, 80.5947,
87.8569

Harmonies

Analogous

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



34.8423, 23.2048, 130.6559



47.1757, 23.2048, 73.2267



52.4706, 23.2048, 25.8889

Triad

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



47.1757, 23.2048, 73.2267



22.2719, 23.2048, 0.0000



7.8370, 23.2048, 71.0732

Complementary

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



47.1757, 23.2048, 73.2267



29.4454, 57.9903, 10.8710

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.



6.4874, 23.2048, 24.6534



47.1757, 23.2048, 73.2267



12.8563, 23.2048, 0.3976

Square

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



47.1757, 23.2048, 73.2267



35.3516, 23.2048, 0.4676



7.9457, 23.2048, 4.7845



12.5973, 23.2048, 128.8173

Rectangle

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



47.1757, 23.2048, 73.2267



50.2522, 23.2048, 9.4799



7.9457, 23.2048, 4.7845



7.0621, 23.2048, 52.8311

Sweetspot

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



47.1766, 23.2059, 73.2272



76.5113, 63.5134, 100.8994



15.4075, 6.7157, 76.8292



15.9855, 12.8282, 21.4173



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.



47.1766, 23.2059, 73.2272



57.9449, 27.9419, 89.8966



37.0093, 19.1390, 19.6867



14.9732, 14.6065, 18.0591



25.9715, 12.5228, 40.3404



1.9258, 0.9280, 3.0157

Inverse Universe

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



47.1766, 23.2059, 73.2272



57.9449, 27.9419, 89.8966



33.5472, 59.6310, 32.4708



14.9732, 14.6065, 18.0591



25.9715, 12.5228, 40.3404



1.9258, 0.9280, 3.0157

Previews

White Background



This preview shows how the XYZ color 47.1757, 23.2048, 73.2267 looks on a white background.

Color Contrast Check

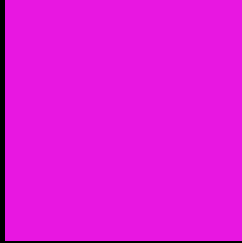
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.1757, 23.2048, 73.2267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

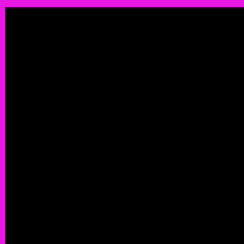
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.1757, 23.2048, 73.2267

Background



This preview shows how black text looks on a background with the XYZ color 47.1757, 23.2048, 73.2267.



This preview shows how white text looks on a background with the XYZ color 47.1757, 23.2048,

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

47.1757, 23.2048, 73.2267

Protanopia

27.7039, 23.8503, 97.7512

Deuteranopia

24.2957, 23.6032, 65.5627



Tritanopia

34.6809, 23.0623, 13.6899

Trichromacy



Original Color

47.1757, 23.2048, 73.2267



Protanomaly

28.0113, 17.9816, 87.5824



Deuteranomaly

27.2540, 18.4139, 67.7634



Tritanomaly

37.3376, 21.5676, 28.1817

Monochromacy



Original Color

47.1757, 23.2048, 73.2267



Achromatopsia

14.5356, 15.2926, 16.6537



Achromatomaly

21.6367, 14.5532, 30.9468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1757, 23.2048, 73.2267 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(232, 23, 225)` looks like.

```
.text, #text, p{  
    color:rgb(232, 23, 225)  
}
```

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(232, 23, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 23, 225) }
```

Border

The CSS property to change the border of an element to XYZ 47.1757, 23.2048, 73.2267 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(232, 23, 225) }
```


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

```
.border{ border-color:rgb(232, 23, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 23, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 23, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 23, 225);  
box-shadow:4px 4px 4px 4px rgb(232, 23,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1757, 23.2048, 73.2267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 23, 225) }
```

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

```
.background{ background-color: rgb(232, 23,  
225) }
```

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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