

Converting Colors

XYZ(41.1472, 22.3414, 65.0956)

Have a look what the booklet for
XYZ(41.1472, 22.3414, 65.0956)
contains.

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Color

**XYZ(41.1734, 22.3955,
65.1035)**

Conversions

Conversions Part 1

Format	Color
Hex	D53ED5
RGB	213, 62, 213
RGB Percent	84%, 24%, 84%
CMY	0.1647, 0.7568, 0.1647
CMYK	0.00, 0.71, 0.00, 0.16
HSL	300°, 64%, 54%
HSV	300°, 71%, 84%
XYZ	41.1734, 22.3955, 65.1035
YIQ	124.3630, 41.5250, 78.9730

Conversions

Conversions Part 2

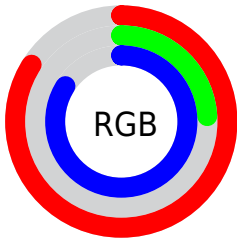
Format	Color
RYB	213, 62, 213
Decimal	13975253
CIELab	54.44, 74.68, -47.04
CIELCh	54, 88.262, 327.797
Yxy	22.3955, 0.3200, 0.1741
Android (android.graphics.Color)	4292165333 (0xFFD53ED5)
YUV	124.3630, 43.6980, 77.7346
Hunter-Lab	47.3239, 72.4843, -48.4386

Details

The XYZ color **41.1734, 22.3955, 65.1035** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **26.6514, 48.9614, 12.6045**, and the grayscale version is **19.1296, 20.1258, 21.9170**.

A 20% lighter version of the original color is **66.3730, 42.6459, 99.3410**, and **19.4980, 9.3386, 33.1226** is the 20% darker color. If you saturate the color by 10%, you get **40.2341, 20.5162, 64.7905**, and if you desaturate by 10%, it is **42.5681, 25.1842, 65.5686**.

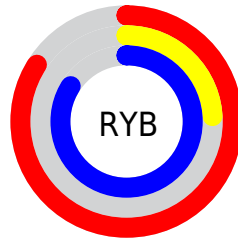
Distribution



Red (84%)

Green (24%)

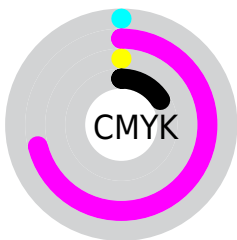
Blue (84%)



Red (84%)

Yellow (24%)

Blue (84%)

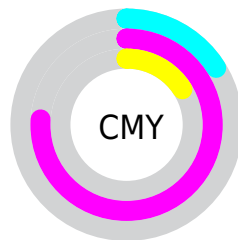


Cyan (0%)

Magenta (71%)

Yellow (0%)

Black (16%)



Cyan (16%)

Magenta (76%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1734, 22.3955, 65.1035 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 41.1734, 22.3955, 65.1035 by changing the saturation by 10% instead.

41.1734, 22.3955,
65.1035

41.1734, 22.3955,
65.1035

342.0950,
264.6048, 461.4802

28.6429, 14.1478,
47.0931

76.2201, 47.3988,
113.8133

18.9537, 8.2235,
32.7544

99.4670, 64.9232,
145.3499

11.7407, 4.2383,
21.6688

127.0167, 86.3086,
182.2323

6.6383, 1.8077,
13.4178

159.2346,
111.9394, 224.8790

3.2812, 0.4920,
7.5827

196.4860,
142.2001, 273.7086

1.3042, 0.0000,
3.7452

239.1363,

0.1863, 0.0000,

177.4749, 329.1397

1.4866

287.5509,
218.1483, 391.5907

■ 0.0000, 0.0000,
0.2079

■ 0.0000, 0.0000,
0.0000

■ 41.1734, 22.3955,
65.1035

■ 41.1734, 22.3955,
65.1035

■ 40.2341, 20.5162,
64.7905

■ 42.5681, 25.1842,
65.5686

■ 39.6910, 19.4301,
64.6094

■ 44.4630, 28.9739,
66.2003

■ 39.4512, 18.9504,
64.5294

■ 46.9004, 33.8487,
67.0128

■ 49.9174, 39.8827,
68.0186

53.5479, 47.1438,
69.2288

57.8233, 55.6945,
70.6540

62.7726, 65.5930,
72.3038

68.4231, 76.8941,
74.1874

74.8008, 89.6494,
76.3133

Harmonies

Analogous

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



31.1693, 22.3955, 108.1206



41.1734, 22.3955, 65.1035



45.7445, 22.3955, 26.4857

Triad

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



41.1734, 22.3955, 65.1035



22.0077, 22.3955, 0.3966



8.7262, 22.3955, 58.5275

Complementary

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



41.1734, 22.3955, 65.1035



26.6514, 48.9614, 12.6045

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.



7.6036, 22.3955, 22.3982



41.1734, 22.3955, 65.1035



13.7501, 22.3955, 1.1110

Square

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



41.1734, 22.3955, 65.1035



32.7900, 22.3955, 1.3925



9.1259, 22.3955, 5.6095



12.8473, 22.3955, 102.6994

Rectangle

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



41.1734, 22.3955, 65.1035



44.3034, 22.3955, 11.4779



9.1259, 22.3955, 5.6095



8.0525, 22.3955, 44.5102

Sweetspot

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



41.1743, 22.3965, 65.1040



80.2817, 70.4634, 103.9770



15.7205, 9.2746, 63.9132



16.8392, 14.3934, 22.1406



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.



41.1743, 22.3965, 65.1040



59.9910, 29.8822, 97.2129



33.7156, 19.4131, 25.8272



12.9531, 12.6327, 15.6932



24.0982, 11.5756, 39.4170



1.4535, 0.6982, 2.3774

Inverse Universe

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



41.1743, 22.3965, 65.1040



59.9910, 29.8822, 97.2129



30.3333, 50.4341, 31.9931



12.9531, 12.6327, 15.6932



24.0982, 11.5756, 39.4170



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 41.1734, 22.3955, 65.1035 looks on a white background.

Color Contrast Check

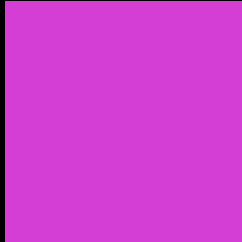
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1734, 22.3955, 65.1035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

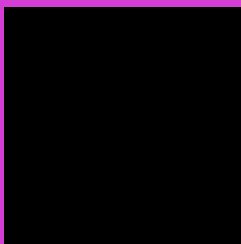
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.1734, 22.3955, 65.1035

Background



This preview shows how black text looks on a background with the XYZ color 41.1734, 22.3955, 65.1035.



This preview shows how white text looks on a background with the XYZ color 41.1734, 22.3955,

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

41.1734, 22.3955, 65.1035

Protanopia

26.8761, 22.8455, 97.6008

Deuteranopia

23.2594, 22.6092, 59.0152



Tritanopia

31.1508, 22.3818, 16.3140

Trichromacy



Original Color

41.1734, 22.3955, 65.1035



Protanomaly

27.0088, 19.3068, 84.7411



Deuteranomaly

26.5087, 19.8777, 60.8321



Tritanomaly

33.6155, 21.6790, 29.2008

Monochromacy



Original Color

41.1734, 22.3955, 65.1035



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

24.3647, 18.7756, 33.7924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1734, 22.3955, 65.1035 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(213, 62, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 62, 213)  
}
```

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(213, 62, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 62, 213) }
```

Border

The CSS property to change the border of an element to XYZ 41.1734, 22.3955, 65.1035 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(213, 62, 213) }
```


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

```
.border{ border-color:rgb(213, 62, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 62, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 62, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 62, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 62,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1734, 22.3955, 65.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 62, 213) }
```

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

```
.background{ background-color: rgb(213, 62,  
213) }
```

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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