

Converting Colors

XYZ(41.2181, 22.2809, 64.0478)

Have a look what the booklet for
XYZ(41.2181, 22.2809, 64.0478)
contains.

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Color

**XYZ(41.1053, 22.2310,
63.7525)**

Conversions

Conversions Part 1

Format	Color
Hex	D63CD3
RGB	214, 60, 211
RGB Percent	84%, 24%, 83%
CMY	0.1608, 0.7647, 0.1725
CMYK	0.00, 0.72, 0.01, 0.16
HSL	301°, 65%, 54%
HSV	301°, 72%, 84%
XYZ	41.1053, 22.2310, 63.7525
YIQ	123.2600, 43.3130, 79.6090

Conversions

Conversions Part 2

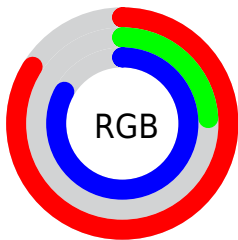
Format	Color
R_{YB}	214, 60, 211
Decimal	14040275
CIE _{Lab}	54.27, 75.22, -46.16
CIE _{LCh}	54, 88.255, 328.464
Yxy	22.2310, 0.3234, 0.1749
Android (android.graphics.Color)	4292230355 (0xFFD63CD3)
YUV	123.2600, 43.2558, 79.5790
Hunter-Lab	47.1498, 73.1047, -47.1628

Details

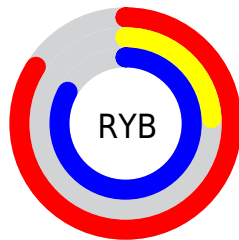
The XYZ color **41.1053, 22.2310, 63.7525** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **26.8083, 49.4137, 12.8287**, and the grayscale version is **18.7655, 19.7428, 21.4999**.

A 20% lighter version of the original color is **66.2495, 42.3991, 99.2998**, and **19.5183, 9.3689, 32.2321** is the 20% darker color. If you saturate the color by 10%, you get **40.1504, 20.4040, 63.1767**, and if you desaturate by 10%, it is **42.5151, 24.9661, 64.4809**.

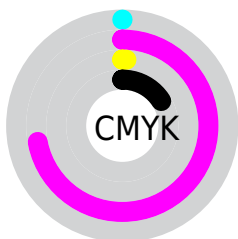
Distribution



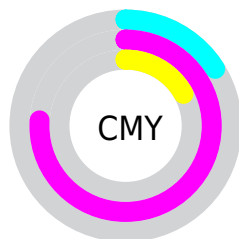
- Red (84%)
- Green (24%)
- Blue (83%)



- Red (84%)
- Yellow (24%)
- Blue (83%)



- Cyan (0%)
- Magenta (72%)
- Yellow (1%)
- Black (16%)





- Cyan (16%)
- Magenta (76%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1053, 22.2310, 63.7525 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 41.1053, 22.2310, 63.7525 by changing the saturation by 10% instead.


 41.1053, 22.2310,
63.7525

 41.1053, 22.2310,
63.7525

341.8156,
263.7502, 456.4782


 28.5894, 14.0267,
46.0053


 76.1174, 47.1275,
111.8505

 18.9132, 8.1393,
31.9013


 99.3443, 64.5885,
143.0383


 11.7112, 4.1842,
21.0220


 126.8723, 85.9039,
179.5435

 6.6181, 1.7771,
12.9487

 159.0667,
111.4581, 221.7846

 3.2686, 0.4729,
7.2629

 196.2929,
141.6354, 270.1800

 1.2974, 0.0000,
3.5461

238.9162,

 0.1812, 0.0000,

176.8202, 325.1484

1.3798

287.3020,
217.3971, 387.1083

■ 0.0000, 0.0000,
0.1259

■ 0.0000, 0.0000,
0.0000

■ 41.1053, 22.2310,
63.7525

■ 41.1053, 22.2310,
63.7525

■ 40.1504, 20.4040,
63.1767

■ 42.5151, 24.9661,
64.4809


■ 39.5892, 19.3651,
62.7327

■ 44.4259, 28.7038,
65.3768


■ 39.3438, 18.9411,
62.4447


■ 46.8811, 33.5300,
66.4549


■ 49.9188, 39.5208,
67.7277

 53.5733, 46.7452,
69.2069

 57.8767, 55.2672,
70.9030

 62.8587, 65.1460,
72.8260

 68.5470, 76.4373,
74.9851

 74.9680, 89.1938,
77.3892

Harmonies

Analogous

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



31.2119, 22.2310, 106.8446



41.1053, 22.2310, 63.7525



45.4934, 22.2310, 25.6516

Triad

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



41.1053, 22.2310, 63.7525



21.6289, 22.2310, 0.3739



8.6966, 22.2310, 59.1825

Complementary

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



41.1053, 22.2310, 63.7525



26.8083, 49.4137, 12.8287

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.



7.5221, 22.2310, 22.8154



41.1053, 22.2310, 63.7525



13.4928, 22.2310, 1.1258

Square

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



41.1053, 22.2310, 63.7525



32.3375, 22.2310, 1.3193



8.9734, 22.2310, 5.7411



12.8668, 22.2310, 103.0744

Rectangle

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



41.1053, 22.2310, 63.7525



43.9372, 22.2310, 11.0205



8.9734, 22.2310, 5.7411



8.0064, 22.2310, 45.1209

Sweetspot

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



41.1062, 22.2320, 63.7529



79.5149, 69.2106, 102.8557



15.7768, 9.1304, 64.5501



16.6822, 14.1468, 21.8802



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.



41.1062, 22.2320, 63.7529



59.2313, 29.4514, 93.6036



33.6819, 19.2623, 24.6575



12.9421, 12.6283, 15.6353



23.7852, 11.4504, 37.7685



1.4380, 0.6920, 2.2960

Inverse Universe

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



41.1062, 22.2320, 63.7529



59.2313, 29.4514, 93.6036



30.6129, 50.9356, 32.8635



12.9421, 12.6283, 15.6353



23.7852, 11.4504, 37.7685



1.4380, 0.6920, 2.2960

Previews

White Background



This preview shows how the XYZ color 41.1053, 22.2310, 63.7525 looks on a white background.

Color Contrast Check

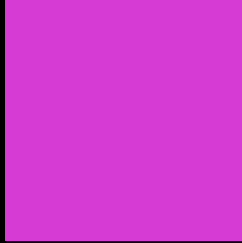
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1053, 22.2310, 63.7525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

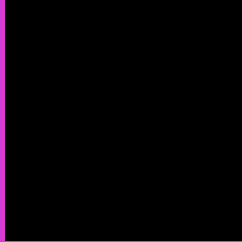
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.1053, 22.2310, 63.7525

Background



This preview shows how black text looks on a background with the XYZ color 41.1053, 22.2310, 63.7525.



This preview shows how white text looks on a background with the XYZ color 41.1053, 22.2310,

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

41.1053, 22.2310, 63.7525

Protanopia

26.8262, 22.8198, 97.5985

Deuteranopia

23.1273, 22.5683, 57.7808



Tritanopia

31.1305, 22.1054, 15.7227

Trichromacy



Original Color

41.1053, 22.2310, 63.7525



Protanomaly

26.7618, 19.0497, 83.9278



Deuteranomaly

26.4319, 19.8661, 59.5682



Tritanomaly

33.5818, 21.4456, 28.3561

Monochromacy



Original Color

41.1053, 22.2310, 63.7525



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

24.1839, 18.5488, 33.3160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1053, 22.2310, 63.7525 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(214, 60, 211)` looks like.

```
.text, #text, p{  
    color:rgb(214, 60, 211)  
}
```

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(214, 60, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 60, 211) }
```

Border

The CSS property to change the border of an element to XYZ 41.1053, 22.2310, 63.7525 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(214, 60, 211) }
```


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

```
.border{ border-color:rgb(214, 60, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 60, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 60, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 60, 211);  
box-shadow:4px 4px 4px 4px rgb(214, 60,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1053, 22.2310, 63.7525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 60, 211) }
```

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

```
.background{ background-color: rgb(214, 60,  
211) }
```

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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