

Converting Colors

XYZ(41.6043, 21.5108, 64.9110)

Have a look what the booklet for
XYZ(41.6043, 21.5108, 64.9110)
contains.

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Color

**XYZ(41.6025, 21.5098,
64.9099)**

Conversions

Conversions Part 1

Format	Color
Hex	D92ED5
RGB	217, 46, 213
RGB Percent	85%, 18%, 84%
CMY	0.1490, 0.8196, 0.1647
CMYK	0.00, 0.79, 0.02, 0.15
HSL	301°, 69%, 52%
HSV	301°, 79%, 85%
XYZ	41.6025, 21.5098, 64.9099
YIQ	116.1670, 48.3090, 88.1890

Conversions

Conversions Part 2

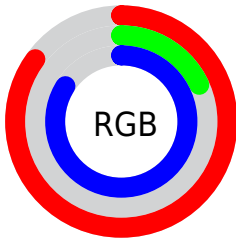
Format	Color
R _{YB}	217, 46, 213
Decimal	14233301
CIE _{Lab}	53.50, 80.05, -48.49
CIE _{LCh}	54, 93.593, 328.794
Y _{xy}	21.5098, 0.3250, 0.1680
Android (android.graphics.Color)	4292423381 (0xFFD92ED5)
Y _{UV}	116.1670, 47.7387, 88.4305
Hunter-Lab	46.3787, 78.9551, -50.5151

Details

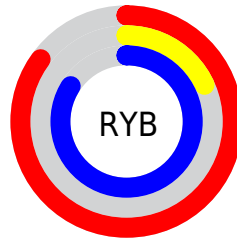
The XYZ color **41.6025, 21.5098, 64.9099** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **26.5163, 50.4378, 11.3568**, and the grayscale version is **16.5012, 17.3606, 18.9057**.

A 20% lighter version of the original color is **65.1951, 40.2903, 98.9484**, and **20.2721, 9.7377, 33.1589** is the 20% darker color. If you saturate the color by 10%, you get **40.8946, 20.1964, 64.3566**, and if you desaturate by 10%, it is **42.7402, 23.6811, 65.6078**.

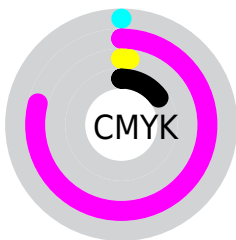
Distribution



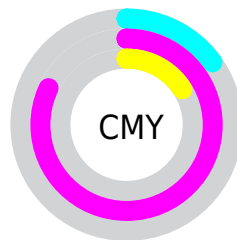
- Red (85%)
- Green (18%)
- Blue (84%)



- Red (85%)
- Yellow (18%)
- Blue (84%)



- Cyan (0%)
- Magenta (79%)
- Yellow (2%)
- Black (15%)




- Cyan (15%)
- Magenta (82%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6025, 21.5098, 64.9099 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 41.6025, 21.5098, 64.9099 by changing the saturation by 10% instead.

 41.6025, 21.5098,
64.9099


 41.6025, 21.5098,
64.9099


343.8522,
259.9755, 460.7655


 28.9799, 13.4972,
46.9371


 76.8666, 45.9345,
113.5323


 19.2098, 7.7718,
32.6320


 100.2389, 63.1153,
145.0191

 11.9269, 3.9493,
21.5759


 127.9250, 84.1209,
181.8476

 6.7658, 1.6452,
13.3503

 160.2905,
109.3358, 224.4365

 3.3611, 0.3878,
7.5366

 197.7006,
139.1443, 273.2041

 1.3475, 0.0000,
3.7164

240.5206,

 0.2183, 0.0000,

173.9308, 328.5691

1.4711

289.1161,
214.0798, 390.9501

■ 0.0000, 0.0000,
0.1963

■ 0.0000, 0.0000,
0.0000

■ 41.6025, 21.5098,
64.9099

■ 41.6025, 21.5098,
64.9099

■ 40.8946, 20.1964,
64.3566

■ 42.7402, 23.6811,
65.6078

■ 40.5258, 19.5613,
63.9171

■ 44.3619, 26.8210,
66.4678

■ 40.4897, 19.5015,
63.8671

■ 46.5168, 31.0267,
67.5066

■ 49.2470, 36.3830,
68.7382

■ 52.5909, 42.9661,
70.1752

■ 56.5831, 50.8456,
71.8295

■ 61.2559, 60.0860,
73.7115

■ 66.6394, 70.7474,
75.8315

■ 72.7618, 82.8864,
78.1988

Harmonies

Analogous

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



31.1322, 21.5098, 111.9378



41.6025, 21.5098, 64.9099



46.2078, 21.5098, 24.5944

Triad

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



41.6025, 21.5098, 64.9099



20.8503, 21.5098, 0.0000



7.8302, 21.5098, 61.0429

Complementary

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



41.6025, 21.5098, 64.9099



26.5163, 50.4378, 11.3568

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.



6.6480, 21.5098, 22.2846



41.6025, 21.5098, 64.9099



12.5343, 21.5098, 0.7149

Square

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



41.6025, 21.5098, 64.9099



32.0657, 21.5098, 0.8526



8.0448, 21.5098, 4.9419



12.0370, 21.5098, 108.6931

Rectangle

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



41.6025, 21.5098, 64.9099



44.4777, 21.5098, 9.8165



8.0448, 21.5098, 4.9419



7.1408, 21.5098, 45.9217

Sweetspot

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



41.6033, 21.5108, 64.9103



78.3076, 66.8827, 102.1860



14.7618, 7.6141, 66.3382



16.3347, 13.4745, 21.6940



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.



41.6033, 21.5108, 64.9103



58.5314, 28.4018, 92.2912



33.5326, 18.2825, 22.4106



13.6005, 13.2693, 16.4237



24.5158, 11.8074, 38.6920



1.5925, 0.7666, 2.5291

Inverse Universe

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



41.6033, 21.5108, 64.9103



58.5314, 28.4018, 92.2912



30.2683, 51.9386, 31.1143



13.6005, 13.2693, 16.4237



24.5158, 11.8074, 38.6920



1.5925, 0.7666, 2.5291

Previews

White Background



This preview shows how the XYZ color 41.6025, 21.5098, 64.9099 looks on a white background.

Color Contrast Check

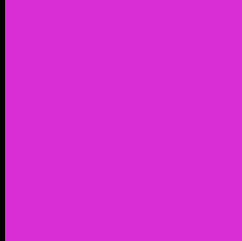
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6025, 21.5098, 64.9099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

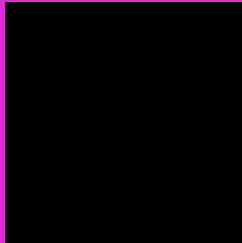
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.6025, 21.5098, 64.9099

Background



This preview shows how black text looks on a background with the XYZ color 41.6025, 21.5098, 64.9099.



This preview shows how white text looks on a background with the XYZ color 41.6025, 21.5098,

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

41.6025, 21.5098, 64.9099

Protanopia

26.1327, 22.0864, 97.4935

Deuteranopia

22.3816, 21.7792, 58.2825



Tritanopia

31.2086, 21.5153, 14.0633

Trichromacy



Original Color

41.6025, 21.5098, 64.9099



Protanomaly

25.6200, 17.6001, 84.4849



Deuteranomaly

25.5405, 18.3774, 59.9587



Tritanomaly

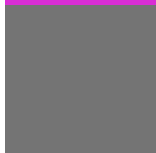
33.5442, 20.4809, 26.9962

Monochromacy



Original Color

41.6025, 21.5098, 64.9099



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

22.4639, 16.4888, 31.2768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6025, 21.5098, 64.9099 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(217, 46, 213)` looks like.

```
.text, #text, p{  
    color:rgb(217, 46, 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(217, 46, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 46, 213) }
```

Border

The CSS property to change the border of an element to XYZ 41.6025, 21.5098, 64.9099 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(217, 46, 213) }
```


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

```
.border{ border-color:rgb(217, 46, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 46, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 46, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 46, 213);  
box-shadow:4px 4px 4px 4px rgb(217, 46,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6025, 21.5098, 64.9099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 46, 213) }
```

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

```
.background{ background-color: rgb(217, 46,  
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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