

Converting Colors

XYZ(41.9921, 26.3855, 52.7724)

Have a look what the booklet for
XYZ(41.9921, 26.3855, 52.7724)
contains.

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Color

**XYZ(42.0441, 26.3862,
52.7462)**

Conversions

Conversions Part 1

Format	Color
Hex	D95DC0
RGB	217, 93, 192
RGB Percent	85%, 36%, 75%
CMY	0.1490, 0.6353, 0.2471
CMYK	0.00, 0.57, 0.12, 0.15
HSL	312°, 62%, 61%
HSV	312°, 57%, 85%
XYZ	42.0441, 26.3862, 52.7462
YIQ	141.3620, 42.1250, 57.0770

Conversions

Conversions Part 2

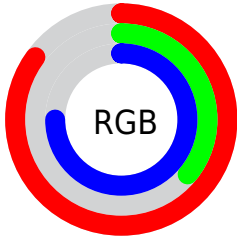
Format	Color
R_{YB}	217, 93, 192
Decimal	14245312
CIE _{Lab}	58.40, 60.27, -28.80
CIE _{LCh}	58, 66.799, 334.464
Yxy	26.3862, 0.3470, 0.2178
Android (android.graphics.Color)	4292435392 (0xFFD95DC0)
YUV	141.3620, 24.9645, 66.3345
Hunter-Lab	51.3675, 56.2084, -24.9241

Details

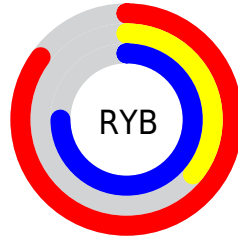
The XYZ color **42.0441, 26.3862, 52.7462** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **32.5984, 53.2619, 25.7041**, and the grayscale version is **25.3540, 26.6743, 29.0484**.

A 20% lighter version of the original color is **69.0863, 49.5944, 95.5540**, and **19.4294, 10.2936, 25.0076** is the 20% darker color. If you saturate the color by 10%, you get **39.9251, 22.9121, 49.6836**, and if you desaturate by 10%, it is **44.7195, 30.9491, 56.0659**.

Distribution



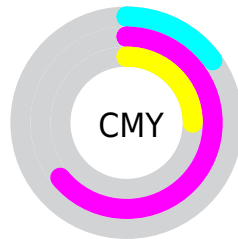
- Red (85%)
- Green (36%)
- Blue (75%)



- Red (85%)
- Yellow (36%)
- Blue (75%)



- Cyan (0%)
- Magenta (57%)
- Yellow (12%)
- Black (15%)





- Cyan (15%)
- Magenta (64%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0441, 26.3862, 52.7462 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 42.0441, 26.3862, 52.7462 by changing the saturation by 10% instead.


 42.0441, 26.3862,
52.7462


 42.0441, 26.3862,
52.7462


345.6542,
284.6728, 414.3493

 29.3271, 17.1128,
37.2139

 77.5311, 53.8973,
95.6686


 19.4739, 10.3149,
25.0760


 101.0318, 72.9038,
123.8957

 12.1192, 5.6083,
15.9142


 128.8578, 95.9235,
157.1914

 6.8977, 2.6084,
9.3097

 161.3744,
123.3407, 195.9744

 3.4440, 0.9309,
4.8442

198.9470,
155.5398, 240.6632

 1.3927, 0.0000,
2.0990

241.9409,

 0.2510, 0.0000,

192.9053, 291.6762

0.6152

290.7216,
235.8215, 349.4320

■ 0.0000, 0.0000,
0.0000

■ 42.0441, 26.3862,
52.7462

■ 42.0441, 26.3862,
52.7462

■ 39.9251, 22.9121,
49.6836

■ 44.7195, 30.9491,
56.0659

■ 38.3127, 20.4288,
46.8601

■ 47.9905, 36.6802,
59.6556

■ 37.1526, 18.8275,
44.2572

■ 51.8953, 43.6558,
63.5289

■ 36.3717, 17.9621,
41.8501

■ 56.4687, 51.9447,
67.6979

■ 36.1825, 17.7786,
41.1857

■ 61.7425, 61.6106,
72.1739

■ 67.7465, 72.7130,
76.9673

■ 74.5090, 85.3080,
82.0882

■ 78.2411, 91.8181,
86.2741

■ 78.8529, 92.0628,
89.4956

Harmonies

Analogous

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



35.0339, 26.3862, 83.8959



42.0441, 26.3862, 52.7462



44.1724, 26.3862, 25.3767

Triad

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



42.0441, 26.3862, 52.7462



23.8793, 26.3862, 3.1941



14.2503, 26.3862, 62.3475

Complementary

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



42.0441, 26.3862, 52.7462



32.5984, 53.2619, 25.7041

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.



12.4752, 26.3862, 32.3666



42.0441, 26.3862, 52.7462



17.2152, 26.3862, 5.3392

Square

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



42.0441, 26.3862, 52.7462



32.4598, 26.3862, 4.2805



13.4298, 26.3862, 13.4004



18.9120, 26.3862, 91.2365

Rectangle

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



42.0441, 26.3862, 52.7462



42.2193, 26.3862, 13.8636



13.4298, 26.3862, 13.4004



13.3482, 26.3862, 51.6127

Sweetspot

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



42.0450, 26.3875, 52.7467



81.3705, 74.8419, 97.5550



23.8842, 16.6775, 67.6067



17.1135, 15.4673, 20.6125



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.



42.0450, 26.3875, 52.7467



56.8949, 32.0013, 70.5582



36.5735, 24.1989, 23.9344



13.4960, 13.2275, 15.8732



21.9414, 10.7776, 25.1352



1.4506, 0.7099, 1.7818

Inverse Universe

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



42.0450, 26.3875, 52.7467



56.8949, 32.0013, 70.5582



37.5461, 55.2410, 51.7584



13.4960, 13.2275, 15.8732



21.9414, 10.7776, 25.1352



1.4506, 0.7099, 1.7818

Previews

White Background



This preview shows how the XYZ color 42.0441, 26.3862, 52.7462 looks on a white background.

Color Contrast Check

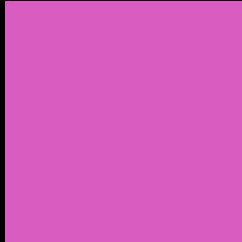
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.0441, 26.3862, 52.7462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

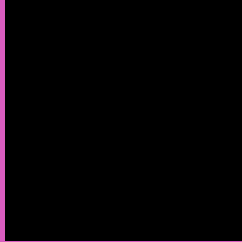
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.0441, 26.3862, 52.7462

Background



This preview shows how black text looks on a background with the XYZ color 42.0441, 26.3862, 52.7462.

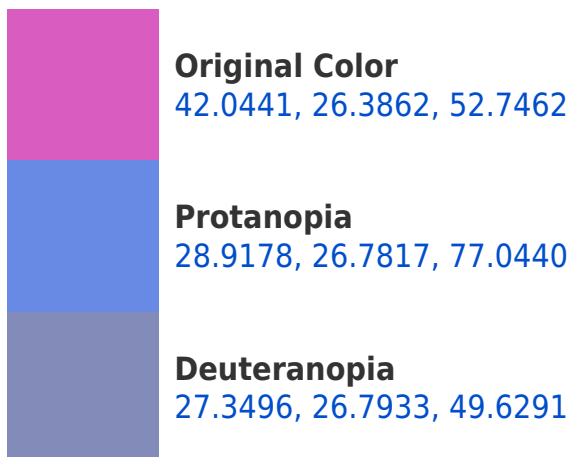


This preview shows how white text looks on a background with the XYZ color 42.0441, 26.3862,

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

35.3087, 26.2561, 20.6597

Trichromacy



Original Color

42.0441, 26.3862, 52.7462



Protanomaly

31.0793, 24.9364, 67.4651



Deuteranomaly

30.9369, 25.2313, 50.8165



Tritanomaly

37.2900, 25.9730, 30.2420

Monochromacy



Original Color

42.0441, 26.3862, 52.7462



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

29.9150, 25.3884, 36.5815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0441, 26.3862, 52.7462 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, 93, 192)` looks like.

```
.text, #text, p{  
    color:rgb(217, 93, 192)  
}
```

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, 93, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 93, 192) }
```

Border

The CSS property to change the border of an element to XYZ 42.0441, 26.3862, 52.7462 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, 93, 192) }
```


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

```
.border{ border-color:rgb(217, 93, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 93, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 93, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 93, 192);  
box-shadow:4px 4px 4px 4px rgb(217, 93,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0441, 26.3862, 52.7462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 93, 192) }
```

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

```
.background{ background-color: rgb(217, 93,  
192) }
```

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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