

Converting Colors

XYZ(40.6560, 23.2678, 62.7364)

Have a look what the booklet for
XYZ(40.6560, 23.2678, 62.7364)
contains.

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Color

**XYZ(40.5357, 23.2026,
62.6637)**

Conversions

Conversions Part 1

Format	Color
Hex	D24AD1
RGB	210, 74, 209
RGB Percent	82%, 29%, 82%
CMY	0.1765, 0.7098, 0.1804
CMYK	0.00, 0.65, 0.00, 0.18
HSL	300°, 60%, 56%
HSV	300°, 65%, 82%
XYZ	40.5357, 23.2026, 62.6637
YIQ	130.0540, 37.7210, 70.8170

Conversions

Conversions Part 2

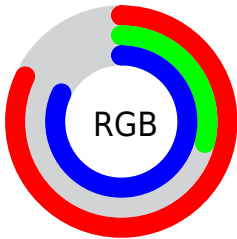
Format	Color
RYB	210, 74, 209
Decimal	13781713
CIELab	55.28, 69.12, -43.46
CIELCh	55, 81.646, 327.837
Yxy	23.2026, 0.3207, 0.1836
Android (android.graphics.Color)	4291971793 (0xFFD24AD1)
YUV	130.0540, 38.9204, 70.1126
Hunter-Lab	48.1691, 65.9171, -43.4127

Details

The XYZ color **40.5357, 23.2026, 62.6637** 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 **27.1416, 48.0580, 14.5034**, and the grayscale version is **21.0957, 22.1943, 24.1696**.

A 20% lighter version of the original color is **67.5413, 44.9825, 99.7304**, and **18.7816, 9.0085, 31.3208** is the 20% darker color. If you saturate the color by 10%, you get **39.3416, 20.8444, 62.1715**, and if you desaturate by 10%, it is **42.1993, 26.4985, 63.3129**.

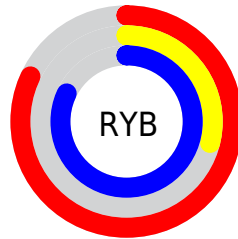
Distribution



Red (82%)

Green (29%)

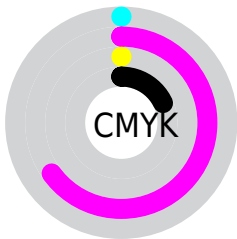
Blue (82%)



Red (82%)

Yellow (29%)

Blue (82%)

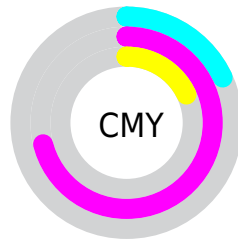


Cyan (0%)

Magenta (65%)

Yellow (0%)

Black (18%)



Cyan (18%)


Magenta (71%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5357, 23.2026, 62.6637 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 40.5357, 23.2026, 62.6637 by changing the saturation by 10% instead.


 40.5357, 23.2026,
62.6637


 40.5357, 23.2026,
62.6637


339.4722,
268.7639, 452.4223


 28.1425, 14.7432,
45.1299

 75.2577, 48.7258,
110.2651


 18.5741, 8.6393,
31.2161


 98.3173, 66.5583,
141.1698

 11.4651, 4.5067,
20.5036


 125.6631, 88.2840,
177.3685

 6.4502, 1.9608,
12.5740

 157.6604,
114.2873, 219.2799

 3.1640, 0.5846,
7.0086

 194.6746,
144.9525, 267.3224

 1.2411, 0.0000,
3.3889

237.0711,

 0.1384, 0.0000,

180.6641, 321.9146

1.2965

285.2151,
221.8064, 383.4751

■ 0.0000, 0.0000,
0.0589

■ 0.0000, 0.0000,
0.0000

■ 40.5357, 23.2026,
62.6637

■ 40.5357, 23.2026,
62.6637

■ 39.3416, 20.8444,
62.1715

■ 42.1993, 26.4985,
63.3129

■ 38.5658, 19.3233,
61.8186


■ 44.3718, 30.8128,
64.1316


■ 38.1498, 18.5218,
61.5858


■ 47.0915, 36.2214,
65.1328


■ 38.0201, 18.2784,
61.4932


■ 50.3921, 42.7919,
66.3277

 54.3047, 50.5865,
67.7267

 58.8584, 59.6631,
69.3395

 64.0801, 70.0756,
71.1751

 69.9953, 81.8752,
73.2419

 74.0204, 89.8945,
74.6788

Harmonies

Analogous

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



31.3240, 23.2026, 101.0672



40.5357, 23.2026, 62.6637



44.7004, 23.2026, 27.2121

Triad

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



40.5357, 23.2026, 62.6637



22.7236, 23.2026, 0.9594



9.8738, 23.2026, 56.8239

Complementary

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



40.5357, 23.2026, 62.6637



27.1416, 48.0580, 14.5034

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.



8.7370, 23.2026, 23.4106



40.5357, 23.2026, 62.6637



14.8203, 23.2026, 1.7737

Square

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



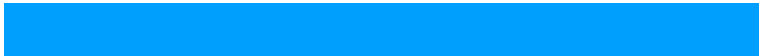
40.5357, 23.2026, 62.6637



32.7987, 23.2026, 2.1171



10.2672, 23.2026, 6.8218



13.9559, 23.2026, 96.3535

Rectangle

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



40.5357, 23.2026, 62.6637



43.3802, 23.2026, 12.7662



10.2672, 23.2026, 6.8218



9.1939, 23.2026, 44.0383

Sweetspot

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



40.5366, 23.2037, 62.6642



81.4366, 72.8650, 104.0793



16.9067, 11.0077, 62.2072



17.0605, 14.8584, 22.1447



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.



40.5366, 23.2037, 62.6642



60.4742, 31.2241, 96.2166



33.9106, 20.5533, 27.7725



12.3069, 12.0075, 14.8921



23.1931, 11.1501, 37.5188



1.2981, 0.6239, 2.1044

Inverse Universe

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



40.5366, 23.2037, 62.6642



60.4742, 31.2241, 96.2166



30.7542, 49.5030, 33.5267



12.3069, 12.0075, 14.8921



23.1931, 11.1501, 37.5188



1.2981, 0.6239, 2.1044

Previews

White Background



This preview shows how the XYZ color 40.5357, 23.2026, 62.6637 looks on a white background.

Color Contrast Check

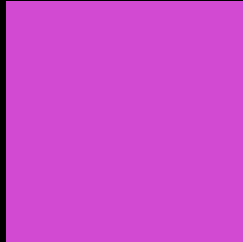
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.5357, 23.2026, 62.6637 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 40.5357, 23.2026, 62.6637

Background



This preview shows how black text looks on a background with the XYZ color 40.5357, 23.2026, 62.6637.



This preview shows how white text looks on a background with the XYZ color 40.5357, 23.2026,

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

40.5357, 23.2026, 62.6637

Protanopia

27.7637, 23.8812, 97.7540

Deuteranopia

24.1561, 23.4974, 57.9059



Tritanopia

31.3727, 23.1904, 17.8616

Trichromacy



Original Color

40.5357, 23.2026, 62.6637



Protanomaly

27.9715, 20.7552, 83.4208



Deuteranomaly

27.4484, 21.3434, 59.1729



Tritanomaly

33.8094, 22.6318, 30.1902

Monochromacy



Original Color

40.5357, 23.2026, 62.6637



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

26.1320, 21.0260, 35.4820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5357, 23.2026, 62.6637 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(210, 74, 209)` looks like.

```
.text, #text, p{  
    color:rgb(210, 74, 209)  
}
```

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(210, 74, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 74, 209) }
```

Border

The CSS property to change the border of an element to XYZ 40.5357, 23.2026, 62.6637 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(210, 74, 209) }
```


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

```
.border{ border-color:rgb(210, 74, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 74, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 74, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 74, 209);  
box-shadow:4px 4px 4px 4px rgb(210, 74,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5357, 23.2026, 62.6637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 74, 209) }
```

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

```
.background{ background-color: rgb(210, 74,  
209) }
```

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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