

Converting Colors

XYZ(32.5393, 16.2192, 26.6149)

Have a look what the booklet for
XYZ(32.5393, 16.2192, 26.6149)
contains.

XYZ(32.5393, 16.2192, 26.6149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.5393, 16.2192,
26.6149)**

Conversions

Conversions Part 1

Format	Color
Hex	D6008D
RGB	214, 0, 141
RGB Percent	84%, 0%, 55%
CMY	0.1608, 0.9998, 0.4471
CMYK	0.00, 1.00, 0.34, 0.16
HSL	320°, 100%, 42%
HSV	320°, 100%, 84%
XYZ	32.5393, 16.2192, 26.6149
YIQ	80.0600, 82.2830, 89.2190

Conversions

Conversions Part 2

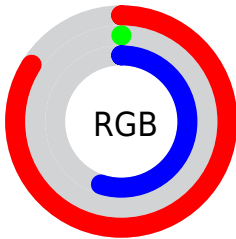
Format	Color
R_{YB}	214, 0, 141
Decimal	14024845
CIE _{Lab}	47.26, 77.10, -15.98
CIE _{LCh}	47, 78.741, 348.291
Yxy	16.2192, 0.4317, 0.2152
Android (android.graphics.Color)	4292214925 (0xFFD6008D)
YUV	80.0600, 30.0434, 117.4654
Hunter-Lab	40.2731, 73.7442, -10.9913

Details

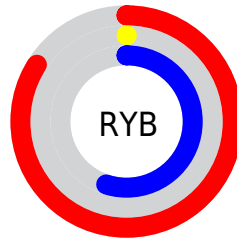
The XYZ color **32.5393, 16.2192, 26.6149** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **25.2510, 48.5751, 14.3551**, and the grayscale version is **7.5730, 7.9674, 8.6765**.

A 20% lighter version of the original color is **54.9175, 32.8544, 55.0768**, and **15.2148, 7.6254, 10.5675** is the 20% darker color. If you saturate the color by 10%, you get **32.5384, 16.2189, 26.6099**, and if you desaturate by 10%, it is **33.3771, 16.9965, 29.6638**.

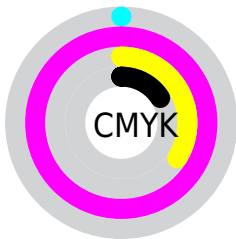
Distribution



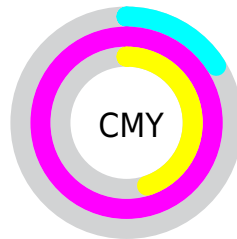
- Red (84%)
- Green (0%)
- Blue (55%)



- Red (84%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5393, 16.2192, 26.6149 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 32.5393, 16.2192, 26.6149 by changing the saturation by 10% instead.


 32.5393, 16.2192,
26.6149


 32.5393, 16.2192,
26.6149


305.2705,
230.6317, 299.4886


 21.9313, 9.6794,
17.0543


 63.0151, 36.9783,
55.2615


 13.9227, 5.1869,
10.1109


 83.6136, 51.9664,
75.1846


 8.1483, 2.3573,
5.3660

 108.2730, 70.5395,
99.3990

 4.2426, 0.8038,
2.4011

 137.3586, 93.0818,
128.3231

 1.8403, 0.0000,
0.7870

 171.2358,
119.9777, 162.3756

 0.5418, 0.0000,
0.0000

 210.2699,

 0.0000, 0.0000,

151.6118, 201.9750

0.0000

254.8264,
188.3683, 247.5398

■ 32.5393, 16.2192,
26.6149

■ 32.5393, 16.2192,
26.6149

■ 32.5384, 16.2189,
26.6099

■ 33.3771, 16.9965,
29.6638

■ 34.5568, 18.3991,
33.0065

■ 36.1808, 20.6308,
36.6806

■ 38.3058, 23.8042,
40.7080

■ 40.9798, 28.0142,
45.1077

■ 44.2449, 33.3439,
49.8969

■ 48.1388, 39.8680,
55.0909

■ 52.6962, 47.6549,
60.7041

■ 57.9491, 56.7675,
66.7501

Harmonies

Analogous

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



27.6896, 16.2192, 57.2891



32.5393, 16.2192, 26.6149



31.8907, 16.2192, 8.1705

Triad

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



32.5393, 16.2192, 26.6149



11.5929, 16.2192, 0.4699



8.1280, 16.2192, 64.3665

Complementary

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



32.5393, 16.2192, 26.6149



25.2510, 48.5751, 14.3551

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.



5.8945, 16.2192, 32.5888



32.5393, 16.2192, 26.6149



7.4407, 16.2192, 2.4783

Square

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



32.5393, 16.2192, 26.6149



18.2881, 16.2192, 0.3063



5.6879, 16.2192, 10.9795



12.8613, 16.2192, 87.8257

Rectangle

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



32.5393, 16.2192, 26.6149



28.4532, 16.2192, 2.9809



5.6879, 16.2192, 10.9795



7.1301, 16.2192, 53.5438

Sweetspot

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



32.5398, 16.2201, 26.6152



71.3889, 58.9517, 81.6714



14.7630, 6.2091, 64.0389



14.7300, 11.6912, 16.7628



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.



32.5398, 16.2201, 26.6152



48.3077, 24.0871, 39.1482



28.0459, 14.4226, 2.9507



12.7646, 12.5573, 14.7007



19.7178, 9.8234, 16.3498



1.2274, 0.6077, 1.1867

Inverse Universe

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



32.5398, 16.2201, 26.6152



48.3077, 24.0871, 39.1482



32.1172, 51.3216, 50.5120



12.7646, 12.5573, 14.7007



19.7178, 9.8234, 16.3498



1.2274, 0.6077, 1.1867

Previews

White Background



This preview shows how the XYZ color 32.5393, 16.2192, 26.6149 looks on a white background.

Color Contrast Check

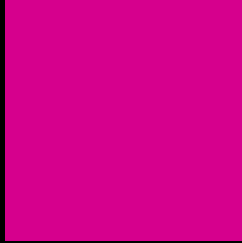
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.5393, 16.2192, 26.6149 looks on a black 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

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

XYZ 32.5393, 16.2192, 26.6149

Background



This preview shows how black text looks on a background with the XYZ color 32.5393, 16.2192, 26.6149.



This preview shows how white text looks on a background with the XYZ color 32.5393, 16.2192,

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

32.5393, 16.2192, 26.6149

Protanopia

19.0176, 17.0109, 58.1582

Deuteranopia

17.1173, 16.7895, 23.8112



Tritanopia

28.4724, 16.6891, 5.7237

Trichromacy



Original Color

32.5393, 16.2192, 26.6149



Protanomaly

18.8036, 12.0869, 44.5220



Deuteranomaly

19.5753, 12.9311, 24.3859



Tritanomaly

29.2563, 15.8152, 10.7432

Monochromacy



Original Color

32.5393, 16.2192, 26.6149



Achromatopsia

7.6249, 8.0220, 8.7359



Achromatomaly

12.6354, 7.9941, 13.4474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5393, 16.2192, 26.6149 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, 0, 141)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 141)  
}
```

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, 0, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 141) }
```

Border

The CSS property to change the border of an element to XYZ 32.5393, 16.2192, 26.6149 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, 0, 141) }
```


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

```
.border{ border-color:rgb(214, 0, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 0, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 141);  
box-shadow:4px 4px 4px 4px rgb(214, 0,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5393, 16.2192, 26.6149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 141) }
```

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

```
.background{ background-color: rgb(214, 0,  
141) }
```

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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