

Converting Colors

XYZ(32.1955, 21.3284, 33.6658)

Have a look what the booklet for
XYZ(32.1955, 21.3284, 33.6658)
contains.

XYZ(32.1626, 21.3147, 33.8715)	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(32.1626, 21.3147,
33.8715)**

Conversions

Conversions Part 1

Format	Color
Hex	C35A9C
RGB	195, 90, 156
RGB Percent	76%, 35%, 61%
CMY	0.2353, 0.6470, 0.3882
CMYK	0.00, 0.54, 0.20, 0.24
HSL	322°, 47%, 56%
HSV	322°, 54%, 76%
XYZ	32.1626, 21.3147, 33.8715
YIQ	128.9190, 41.3940, 42.7860

Conversions

Conversions Part 2

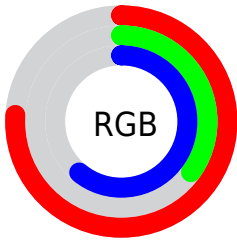
Format	Color
R_{YB}	195, 90, 156
Decimal	12802716
CIE _{Lab}	53.29, 49.75, -16.05
CIE _{LCh}	53, 52.274, 342.124
Yxy	21.3147, 0.3682, 0.2440
Android (android.graphics.Color)	4290992796 (0xFFC35A9C)
YUV	128.9190, 13.3509, 57.9530
Hunter-Lab	46.1678, 43.5574, -11.1812

Details

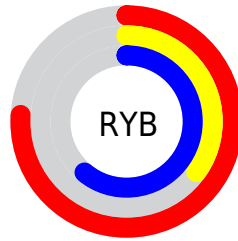
The XYZ color **32.1626, 21.3147, 33.8715** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **27.6950, 42.7895, 27.5703**, and the grayscale version is **20.7832, 21.8656, 23.8116**.

A 20% lighter version of the original color is **62.6042, 45.7205, 67.1534**, and **13.7983, 7.7110, 14.1257** is the 20% darker color. If you saturate the color by 10%, you get **30.1332, 18.2082, 30.2587**, and if you desaturate by 10%, it is **34.6613, 25.3007, 37.8216**.

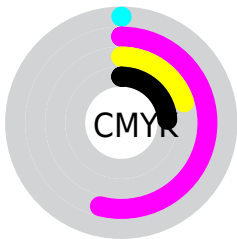
Distribution



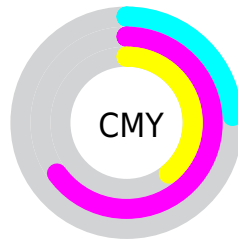
- Red (76%)
- Green (35%)
- Blue (61%)



- Red (76%)
- Yellow (35%)
- Blue (61%)



- Cyan (0%)
- Magenta (54%)
- Yellow (20%)
- Black (24%)





- Cyan (24%)
- Magenta (65%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1626, 21.3147, 33.8715 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 32.1626, 21.3147, 33.8715 by changing the saturation by 10% instead.


 32.1626, 21.3147,
33.8715


 32.1626, 21.3147,
33.8715


303.5914,
258.9462, 334.3103

 21.6419, 13.3542,
22.5183


 62.4294, 45.6107,
66.8654


 13.7091, 7.6729,
14.0363


 82.9061, 62.7150,
89.3432

 7.9990, 3.8864,
8.0069

 107.4323, 83.6361,
116.3663

 4.1461, 1.6102,
4.0115

 136.3732,
108.7583, 148.3533

 1.7851, 0.3645,
1.6317

170.0942,
138.4660, 185.7226

 0.5087, 0.0000,
0.3133

208.9607,

 0.0000, 0.0000,

173.1436, 228.8929

0.0000

253.3380,
213.1756, 278.2826

■ 32.1626, 21.3147,
33.8715

■ 32.1626, 21.3147,
33.8715

■ 30.1332, 18.2082,
30.2587

■ 34.6613, 25.3007,
37.8216

■ 28.5360, 15.9087,
26.9670

■ 37.6587, 30.2249,
42.1214

■ 27.3311, 14.3376,
23.9804

■ 41.1840, 36.1445,
46.7836

■ 26.4699, 13.3983,
21.2792

■ 45.2637, 43.1112,
51.8199

■ 26.0540, 13.0215,
19.7378

■ 49.9221, 51.1732,
57.2414

■ 55.1823, 60.3755,
63.0584

■ 61.0661, 70.7609,
69.2810

■ 67.5941, 82.3696,
75.9187

■ 71.3423, 88.3528,
81.8327

Harmonies

Analogous

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



28.2641, 21.3147, 53.9292



32.1626, 21.3147, 33.8715



32.5400, 21.3147, 17.3797

Triad

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



32.1626, 21.3147, 33.8715



18.1060, 21.3147, 4.3481



13.3493, 21.3147, 50.2250

Complementary

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



32.1626, 21.3147, 33.8715



27.6950, 42.7895, 27.5703

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.



11.5371, 21.3147, 30.2124



32.1626, 21.3147, 33.8715



13.9290, 21.3147, 7.1525

Square

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



32.1626, 21.3147, 33.8715



23.7027, 21.3147, 4.6124



11.7280, 21.3147, 15.0566



17.1661, 21.3147, 65.9511

Rectangle

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



32.1626, 21.3147, 33.8715



30.6689, 21.3147, 10.4855



11.7280, 21.3147, 15.0566



12.5197, 21.3147, 43.4689

Sweetspot

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



32.1633, 21.3157, 33.8719



79.2174, 74.0361, 90.5785



22.4850, 15.8817, 53.5105



17.0046, 15.6258, 19.4161



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.



32.1633, 21.3157, 33.8719



53.2861, 31.6014, 52.8696



28.6614, 19.9150, 15.4313



10.3335, 10.1820, 11.8466



16.9754, 8.4799, 13.0482



0.7659, 0.3794, 0.7344

Inverse Universe

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



32.1633, 21.3157, 33.8719



53.2861, 31.6014, 52.8696



32.0728, 44.5407, 50.6235



10.3335, 10.1820, 11.8466



16.9754, 8.4799, 13.0482



0.7659, 0.3794, 0.7344

Previews

White Background



This preview shows how the XYZ color 32.1626, 21.3147, 33.8715 looks on a white background.

Color Contrast Check

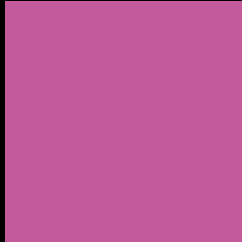
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1626, 21.3147, 33.8715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

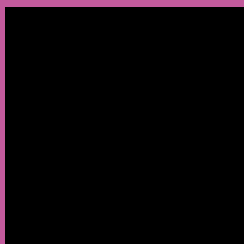
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1626, 21.3147, 33.8715

Background



This preview shows how black text looks on a background with the XYZ color 32.1626, 21.3147, 33.8715.



This preview shows how white text looks on a background with the XYZ color 32.1626, 21.3147,

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

32.1626, 21.3147, 33.8715

Protanopia

22.3348, 21.6141, 47.2507

Deuteranopia

21.8919, 21.5364, 31.8573



Tritanopia

28.5957, 21.3372, 16.7987

Trichromacy



Original Color

32.1626, 21.3147, 33.8715

Protanomaly

24.4325, 20.4901, 42.2024

Deuteranomaly

24.5985, 20.6276, 32.3908

Tritanomaly

29.7146, 21.2365, 21.9350

Monochromacy



Original Color

32.1626, 21.3147, 33.8715

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.9278, 20.8979, 27.1987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1626, 21.3147, 33.8715 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(195, 90, 156)` looks like.

```
.text, #text, p{  
    color:rgb(195, 90, 156)  
}
```

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(195, 90, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 90, 156) }
```

Border

The CSS property to change the border of an element to XYZ 32.1626, 21.3147, 33.8715 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(195, 90, 156) }
```


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

```
.border{ border-color:rgb(195, 90, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 90, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 90, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 90, 156); box-shadow:4px 4px 4px 4px rgb(195, 90, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1626, 21.3147, 33.8715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 90, 156) }
```

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

```
.background{ background-color: rgb(195, 90,  
156) }
```

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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