

Converting Colors

XYZ(33.7102, 25.7122, 41.1662)

Have a look what the booklet for
XYZ(33.7102, 25.7122, 41.1662)
contains.

XYZ(33.6361, 25.6029, 41.1992)	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(33.6361, 25.6029,
41.1992)**

Conversions

Conversions Part 1

Format	Color
Hex	BA73AA
RGB	186, 115, 170
RGB Percent	73%, 45%, 67%
CMY	0.2706, 0.5490, 0.3333
CMYK	0.00, 0.38, 0.09, 0.27
HSL	314°, 34%, 59%
HSV	314°, 38%, 73%
XYZ	33.6361, 25.6029, 41.1992
YIQ	142.4990, 24.6610, 32.1570

Conversions

Conversions Part 2

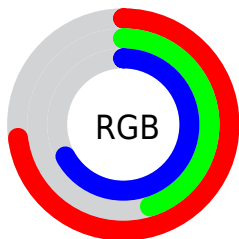
Format	Color
RYB	186, 115, 170
Decimal	12219306
CIELab	57.66, 36.17, -17.66
CIElCh	58, 40.254, 333.978
Yxy	25.6029, 0.3349, 0.2549
Android (android.graphics.Color)	4290409386 (0xFFBA73AA)
YUV	142.4990, 13.5580, 38.1504
Hunter-Lab	50.5993, 30.1098, -12.8559

Details

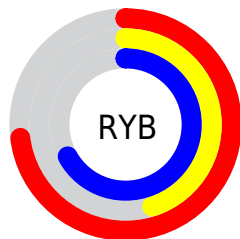
The XYZ color **33.6361, 25.6029, 41.1992** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.7270, 40.4021, 27.7588**, and the grayscale version is **25.8507, 27.1969, 29.6175**.

A 20% lighter version of the original color is **64.5554, 52.4962, 77.9645**, and **14.5204, 9.9139, 18.2878** is the 20% darker color. If you saturate the color by 10%, you get **31.3352, 21.6251, 38.5070**, and if you desaturate by 10%, it is **36.3792, 30.4439, 44.1017**.

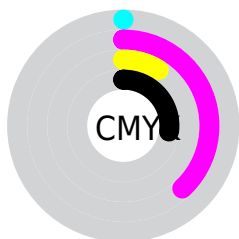
Distribution



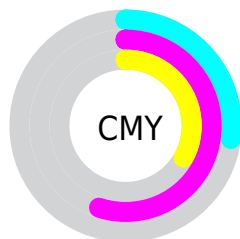
- Red (73%)
- Green (45%)
- Blue (67%)



- Red (73%)
- Yellow (45%)
- Blue (67%)



- Cyan (0%)
- Magenta (38%)
- Yellow (9%)
- Black (27%)



- Cyan (27%)
- Magenta (55%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6361, 25.6029, 41.1992 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 33.6361, 25.6029, 41.1992 by changing the saturation by 10% instead.

■ 33.6361, 25.6029,
41.1992

■ 33.6361, 25.6029,
41.1992

310.1209,
280.8273, 366.8537

■ 22.7757, 16.5268,
28.1539

■ 64.7154, 52.6336,
78.2431

■ 14.5478, 9.8977,
18.2016

■ 85.6651, 71.3571,
103.0789

■ 8.5869, 5.3312,
10.9239

■ 110.7086, 94.0650,
132.6818

■ 4.5277, 2.4429,
5.9022

140.2113,
121.1420, 167.4705

■ 2.0048, 0.8478,
2.7179

174.5385,
152.9723, 207.8635

■ 0.6366, 0.0000,
0.9524

214.0556,

■ 0.0000, 0.0000,

189.9403, 254.2794

0.0000

259.1280,
232.4305, 307.1366

■ 33.6361, 25.6029,
41.1992

■ 33.6361, 25.6029,
41.1992

■ 31.3352, 21.6251,
38.5070

■ 36.3792, 30.4439,
44.1017

■ 29.4480, 18.4553,
36.0143

■ 39.5859, 36.1921,
47.2214

■ 27.9465, 16.0371,
33.7114

■ 43.2791, 42.8927,
50.5668

■ 26.7982, 14.3055,
31.5869

■ 47.4795, 50.5868,
54.1453

■ 25.9650, 13.1844,
29.6275

■ 52.2065, 59.3133,
57.9640

■ 25.3861, 12.5528,
27.8123

■ 57.4786, 69.1086,
62.0295

■ 25.2902, 12.4553,
27.4898

■ 63.3131, 80.0078,
66.3482

■ 66.8532, 86.2965,
69.9682

■ 67.3614, 86.4998,
72.6444

Harmonies

Analogous

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



29.8829, 25.6029, 56.1437



33.6361, 25.6029, 41.1992



34.7856, 25.6029, 26.0785

Triad

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



33.6361, 25.6029, 41.1992



23.6983, 25.6029, 8.9131



17.4379, 25.6029, 45.4714

Complementary

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



33.6361, 25.6029, 41.1992



28.7270, 40.4021, 27.7588

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.



16.2197, 25.6029, 29.7568



33.6361, 25.6029, 41.1992



19.5198, 25.6029, 11.1667

Square

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



33.6361, 25.6029, 41.1992



28.6256, 25.6029, 10.1969



16.9288, 25.6029, 17.7897



20.4957, 25.6029, 59.1277

Rectangle

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



33.6361, 25.6029, 41.1992



33.8096, 25.6029, 18.4327



16.9288, 25.6029, 17.7897



16.8195, 25.6029, 40.0970

Sweetspot

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



33.6369, 25.6041, 41.1997



76.3339, 73.9002, 89.7842



24.2597, 20.5843, 49.1493



16.6059, 15.9032, 19.5887



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.6369, 25.6041, 41.1997



57.3374, 40.1213, 70.4608



30.7628, 24.4544, 26.0649



9.2920, 9.1272, 10.8849



17.0436, 8.3912, 18.6484



0.6225, 0.3045, 0.7714

Inverse Universe

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



33.6369, 25.6041, 41.1997



57.3374, 40.1213, 70.4608



31.5023, 41.5122, 42.3735



9.2920, 9.1272, 10.8849



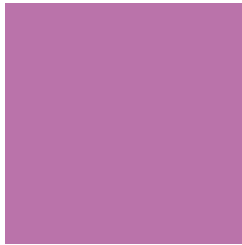
17.0436, 8.3912, 18.6484



0.6225, 0.3045, 0.7714

Previews

White Background



This preview shows how the XYZ color 33.6361, 25.6029, 41.1992 looks on a white background.

Color Contrast Check

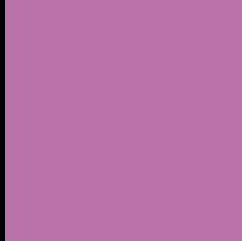
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.6361, 25.6029, 41.1992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

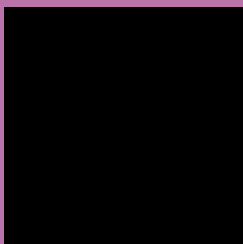
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.6361, 25.6029, 41.1992

Background



This preview shows how black text looks on a background with the XYZ color 33.6361, 25.6029, 41.1992.



This preview shows how white text looks on a background with the XYZ color 33.6361, 25.6029,

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

33.6361, 25.6029, 41.1992

Protanopia

26.2660, 25.7965, 50.0492

Deuteranopia

26.3346, 25.8505, 39.6781



Tritanopia

30.3039, 25.6556, 25.1846

Trichromacy



Original Color

33.6361, 25.6029, 41.1992

Protanomaly

28.1211, 25.1988, 46.5617

Deuteranomaly

28.4045, 25.2963, 39.9448

Tritanomaly

31.4332, 25.5755, 30.4740

Monochromacy



Original Color

33.6361, 25.6029, 41.1992

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.4354, 26.4459, 33.7429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6361, 25.6029, 41.1992 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(186, 115, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 115, 170)  
}
```

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(186, 115, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 115, 170) }
```

Border

The CSS property to change the border of an element to XYZ 33.6361, 25.6029, 41.1992 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(186, 115, 170) }
```


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

```
.border{ border-color:rgb(186, 115, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 115, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 115, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 115, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 115,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6361, 25.6029, 41.1992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 115, 170) }
```

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

```
.background{ background-color: rgb(186,  
115, 170) }
```

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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