

Converting Colors

XYZ(43.1966, 31.5273, 86.2467)

Have a look what the booklet for
XYZ(43.1966, 31.5273, 86.2467)
contains.

XYZ(43.1966, 31.5273, 86.2467)	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(43.1966, 31.5273,
86.2467)**

Conversions

Conversions Part 1

Format	Color
Hex	B97EF0
RGB	185, 126, 240
RGB Percent	73%, 49%, 94%
CMY	0.2745, 0.5059, 0.0588
CMYK	0.23, 0.47, 0.00, 0.06
HSL	271°, 79%, 72%
HSV	271°, 47%, 94%
XYZ	43.1966, 31.5273, 86.2467
YIQ	156.6370, -1.4300, 47.9620

Conversions

Conversions Part 2

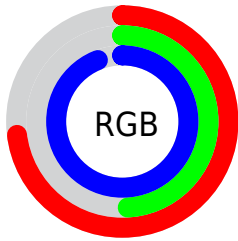
Format	Color
R_{YB}	185, 126, 240
Decimal	12156656
CIE _{Lab}	62.95, 44.12, -48.93
CIE _{LCh}	63, 65.883, 312.040
Yxy	31.5273, 0.2684, 0.1959
Android (android.graphics.Color)	4290346736 (0xFFB97EF0)
YUV	156.6370, 41.0980, 24.8744
Hunter-Lab	56.1492, 39.0623, -51.7667

Details

The XYZ color **43.1966, 31.5273, 86.2467** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **53.9828, 73.6510, 31.1107**, and the grayscale version is **31.7080, 33.3593, 36.3283**.

A 20% lighter version of the original color is **71.3334, 58.9172, 102.2202**, and **20.1166, 13.1182, 46.2715** is the 20% darker color. If you saturate the color by 10%, you get **37.8074, 24.7274, 85.2188**, and if you desaturate by 10%, it is **49.5517, 39.9191, 87.5321**.

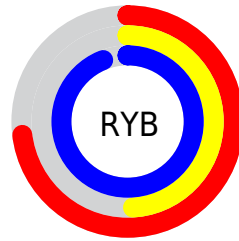
Distribution



Red (73%)

Green (49%)

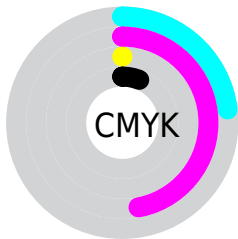
Blue (94%)



Red (73%)

Yellow (49%)

Blue (94%)

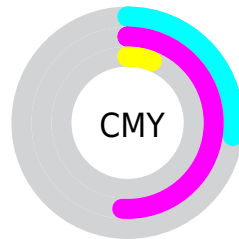


Cyan (23%)

Magenta (47%)

Yellow (0%)

Black (6%)



Cyan (27%)


Magenta (51%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1966, 31.5273, 86.2467 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 43.1966, 31.5273, 86.2467 by changing the saturation by 10% instead.


 43.1966, 31.5273,
86.2467

 43.1966, 31.5273,
86.2467

350.3275,
308.9603, 535.9961


 30.2346, 21.0007,
64.3159

 79.2613, 62.0693,
144.0033

 20.1657, 13.1245,
46.4588


 103.0947, 82.8535,
180.6662

 12.6245, 7.5143,
32.2567


 131.2827,
107.8257, 223.0769

 7.2457, 3.7858,
21.2912

164.1905,
137.3703, 271.6539

 3.6639, 1.5545,
13.1437

202.1835,
171.8716, 326.8158

 1.5138, 0.3266,
7.3957

245.6271,

 0.3352, 0.0000,

211.7141, 388.9811

3.6286

294.8866,
257.2822, 458.5684

■ 0.0000, 0.0000,
1.4239

■ 0.0000, 0.0000,
0.1602

■ 43.1966, 31.5273,
86.2467

■ 43.1966, 31.5273,
86.2467

■ 37.8074, 24.7274,
85.2188

■ 49.5517, 39.9191,
87.5321

■ 33.3217, 19.4057,
84.4280

■ 56.9226, 49.9980,
89.0890

■ 29.6743, 15.4393,
83.8546

■ 65.3595, 61.8562,
90.9332

■ 26.7879, 12.6821,
83.4746

■ 74.9083, 75.5778,
93.0785

■ 24.5620, 10.9420,
83.2560

■ 85.6118, 91.2416,
95.5377

■ 24.0711, 10.5922,
83.2144

■ 92.5357, 98.9720,
96.6649

■ 92.7283, 99.0713,
96.6739

Harmonies

Analogous

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



33.7447, 31.5273, 109.7911



43.1966, 31.5273, 86.2467



49.7580, 31.5273, 52.1055

Triad

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



43.1966, 31.5273, 86.2467



35.6591, 31.5273, 5.3930



15.9639, 31.5273, 45.8100

Complementary

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



43.1966, 31.5273, 86.2467



53.9828, 73.6510, 31.1107

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.



16.2716, 31.5273, 21.1379



43.1966, 31.5273, 86.2467



26.4800, 31.5273, 5.0143

Square

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



43.1966, 31.5273, 86.2467



44.8390, 31.5273, 10.5993



19.7568, 31.5273, 9.0218



18.8095, 31.5273, 79.6926

Rectangle

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



43.1966, 31.5273, 86.2467



50.9410, 31.5273, 32.5841



19.7568, 31.5273, 9.0218



15.7208, 31.5273, 36.1328

Sweetspot

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



43.1978, 31.5285, 86.2474



78.6448, 76.1782, 105.1666



40.8776, 43.8165, 88.7415



16.3413, 15.6023, 22.4002



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.



43.1978, 31.5285, 86.2474



43.5659, 28.5953, 97.8310



58.8441, 39.6270, 85.5138



15.6777, 15.6311, 19.9124



13.3314, 5.8780, 45.5598



1.2239, 0.5482, 3.7955

Inverse Universe

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



51.7374, 36.7843, 48.0901



54.9935, 35.6226, 47.0369



43.6549, 68.3124, 31.2736



16.0905, 15.8859, 18.0327



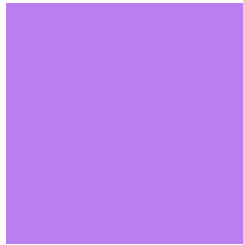
21.4570, 10.8552, 10.3229



1.8351, 0.9231, 1.1223

Previews

White Background



This preview shows how the XYZ color 43.1966, 31.5273, 86.2467 looks on a white background.

Color Contrast Check

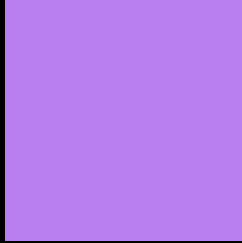
Large Text (above 18pt) WCAG AA × Fail

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 43.1966, 31.5273, 86.2467 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 ✓ Pass

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

XYZ 43.1966, 31.5273, 86.2467

Background



This preview shows how black text looks on a background with the XYZ color 43.1966, 31.5273, 86.2467.



This preview shows how white text looks on a background with the XYZ color 43.1966, 31.5273,

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

43.1966, 31.5273, 86.2467

Protanopia

34.9818, 31.9030, 98.9219

Deuteranopia

32.7792, 31.8341, 83.0142



Tritanopia

33.0058, 31.3430, 36.2085

Trichromacy



Original Color

43.1966, 31.5273, 86.2467

Protanomaly

36.9335, 31.1861, 94.5154

Deuteranomaly

35.5898, 31.1626, 84.2600

Tritanomaly

35.9626, 30.9949, 51.1009

Monochromacy



Original Color

43.1966, 31.5273, 86.2467

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

35.1849, 32.3611, 51.4056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1966, 31.5273, 86.2467 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(185, 126, 240)` looks like.

```
.text, #text, p{  
    color:rgb(185, 126, 240)  
}
```

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(185, 126, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 126, 240) }
```

Border

The CSS property to change the border of an element to XYZ 43.1966, 31.5273, 86.2467 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(185, 126, 240) }
```


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

```
.border{ border-color:rgb(185, 126, 240) }
```

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

Here you see how a box with a 4 pixel rgb(185, 126, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 126, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 126, 240);  
box-shadow:4px 4px 4px 4px rgb(185, 126,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1966, 31.5273, 86.2467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 126, 240) }
```

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

```
.background{ background-color: rgb(185,  
126, 240) }
```

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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