

Converting Colors

XYZ(32.6149, 25.9610, 21.5297)

Have a look what the booklet for
XYZ(32.6149, 25.9610, 21.5297)
contains.

XYZ(32.6946, 26.0731, 21.3986)	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(32.6946, 26.0731,
21.3986)**

Conversions

Conversions Part 1

Format	Color
Hex	C47679
RGB	196, 118, 121
RGB Percent	77%, 46%, 47%
CMY	0.2314, 0.5372, 0.5255
CMYK	0.00, 0.40, 0.38, 0.23
HSL	358°, 40%, 62%
HSV	358°, 40%, 77%
XYZ	32.6946, 26.0731, 21.3986
YIQ	141.6640, 45.5250, 17.4690

Conversions

Conversions Part 2

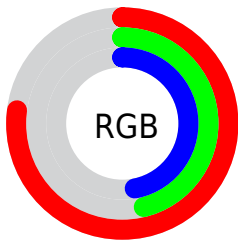
Format	Color
RYB	196, 118, 121
Decimal	12875385
CIELab	58.11, 30.91, 11.49
CIElCh	58, 32.977, 20.391
Yxy	26.0731, 0.4078, 0.3252
Android (android.graphics.Color)	4291065465 (0xFFC47679)
YUV	141.6640, -10.1874, 47.6527
Hunter-Lab	51.0618, 24.9344, 10.8965

Details

The XYZ color **32.6946, 26.0731, 21.3986** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.8380, 47.1823, 57.6202**, and the grayscale version is **25.6054, 26.9389, 29.3365**.

A 20% lighter version of the original color is **63.3457, 53.4030, 46.5043**, and **14.0849, 10.1907, 7.5280** is the 20% darker color. If you saturate the color by 10%, you get **29.5766, 21.5095, 15.2033**, and if you desaturate by 10%, it is **36.5194, 31.6887, 28.9440**.

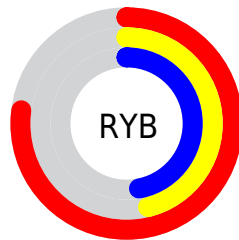
Distribution



Red (77%)

Green (46%)

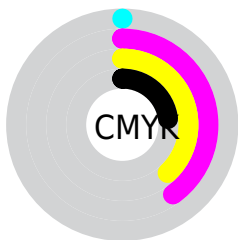
Blue (47%)



Red (77%)

Yellow (46%)

Blue (47%)

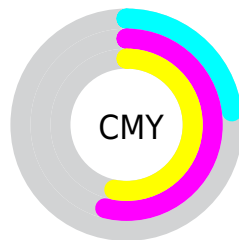


Cyan (0%)

Magenta (40%)

Yellow (38%)

Black (23%)



Cyan (23%)


Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6946, 26.0731, 21.3986 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 32.6946, 26.0731, 21.3986 by changing the saturation by 10% instead.


 32.6946, 26.0731,
21.3986


 32.6946, 26.0731,
21.3986


305.9607,
283.1407, 272.2396


 22.0507, 16.8783,
13.2216


 63.2563, 53.3929,
46.6393

 14.0110, 10.1478,
7.4488


 83.9048, 72.2866,
64.5402

 8.2101, 5.4971,
3.6617


 108.6189, 95.1822,
86.5194

 4.2826, 2.5417,
1.4416

137.7640,
122.4639, 112.9955

 1.8632, 0.8975,
0.1739

171.7053,
154.5163, 144.3870

 0.5553, 0.0000,
0.0000

210.8083,

 0.0000, 0.0000,

191.7236, 181.1125

0.0000

255.4383,
234.4703, 223.5905

■ 32.6946, 26.0731,
21.3986

■ 32.6946, 26.0731,
21.3986

■ 29.5766, 21.5095,
15.2033

■ 36.5194, 31.6887,
28.9440

■ 27.1201, 17.9290,
10.2771

■ 41.0883, 38.4119,
37.9111

■ 25.2781, 15.2603,
6.5325


■ 46.4387, 46.2992,
48.3681


■ 23.9961, 13.4211,
3.8707


■ 52.6047, 55.4020,
60.3786


■ 23.2103, 12.3143,
2.1763


■ 59.6184, 65.7687,
74.0021

 22.8128, 11.7619,
1.2953

 67.5103, 77.4450,
89.2955

 22.8062, 11.7523,
1.2826

 76.2437, 90.3433,
106.2907

 76.5750, 90.4758,
108.0354

Harmonies

Analogous

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



33.1456, 26.0731, 32.2189



32.6946, 26.0731, 21.3986



30.0042, 26.0731, 14.5987

Triad

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



32.6946, 26.0731, 21.3986



19.3265, 26.0731, 16.5546



23.5224, 26.0731, 56.0449

Complementary

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



32.6946, 26.0731, 21.3986



36.8380, 47.1823, 57.6202

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.



20.2034, 26.0731, 48.9140



32.6946, 26.0731, 21.3986



17.9583, 26.0731, 24.8756

Square

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



32.6946, 26.0731, 21.3986



22.2026, 26.0731, 12.3679



18.2612, 26.0731, 36.7571



27.5532, 26.0731, 54.3795

Rectangle

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



32.6946, 26.0731, 21.3986



27.4478, 26.0731, 12.3091



18.2612, 26.0731, 36.7571



22.2941, 26.0731, 54.5377

Sweetspot

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



32.6953, 26.0744, 21.3991



81.6725, 80.2543, 82.8324



38.2065, 28.1632, 55.6470



17.1981, 16.7601, 17.1764



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.



32.6953, 26.0744, 21.3991



54.1099, 39.7405, 28.5991



37.4434, 35.8601, 22.0894



10.0885, 10.0840, 10.5567



14.6613, 7.5543, 0.8626



0.6390, 0.3286, 0.0663

Inverse Universe

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



32.6953, 26.0744, 21.3991



54.1099, 39.7405, 28.5991



30.1636, 33.2931, 57.0610



10.0885, 10.0840, 10.5567



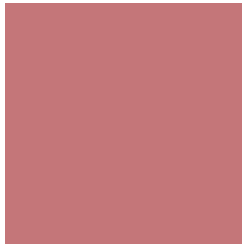
14.6613, 7.5543, 0.8626



0.6390, 0.3286, 0.0663

Previews

White Background



This preview shows how the XYZ color 32.6946, 26.0731, 21.3986 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 32.6946, 26.0731, 21.3986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

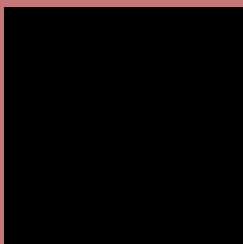
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6946, 26.0731, 21.3986

Background



This preview shows how black text looks on a background with the XYZ color 32.6946, 26.0731, 21.3986.



This preview shows how white text looks on a background with the XYZ color 32.6946, 26.0731,

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

32.6946, 26.0731, 21.3986

Protanopia

25.0445, 26.3514, 25.5961

Deuteranopia

26.6319, 26.2130, 20.7955



Tritanopia

32.8921, 25.9647, 23.0167

Trichromacy



Original Color

32.6946, 26.0731, 21.3986

Protanomaly

27.2518, 25.8476, 23.9748

Deuteranomaly

28.6356, 26.0311, 20.9680

Tritanomaly

32.7643, 25.9136, 22.3437

Monochromacy



Original Color

32.6946, 26.0731, 21.3986

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.5909, 26.1777, 26.1529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6946, 26.0731, 21.3986 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(196, 118, 121)` looks like.

```
.text, #text, p{  
    color:rgb(196, 118, 121)  
}
```

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(196, 118, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 118, 121) }
```

Border

The CSS property to change the border of an element to XYZ 32.6946, 26.0731, 21.3986 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(196, 118, 121) }
```


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

```
.border{ border-color:rgb(196, 118, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 118, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 118, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 118, 121);  
box-shadow:4px 4px 4px 4px rgb(196, 118,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6946, 26.0731, 21.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 118, 121) }
```

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

```
.background{ background-color: rgb(196,  
118, 121) }
```

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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