

Converting Colors

XYZ(32.9248, 26.1353, 41.5546)

Have a look what the booklet for
XYZ(32.9248, 26.1353, 41.5546)
contains.

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Color

**XYZ(32.7946, 26.0385,
41.3277)**

Conversions

Conversions Part 1

Format	Color
Hex	B478AA
RGB	180, 120, 170
RGB Percent	71%, 47%, 67%
CMY	0.2941, 0.5294, 0.3333
CMYK	0.00, 0.33, 0.06, 0.29
HSL	310°, 29%, 59%
HSV	310°, 33%, 71%
XYZ	32.7946, 26.0385, 41.3277
YIQ	143.6400, 19.7100, 28.2700

Conversions

Conversions Part 2

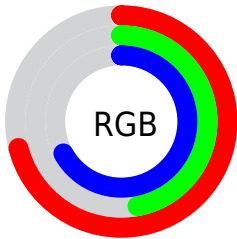
Format	Color
RYB	180, 120, 170
Decimal	11827370
CIELab	58.07, 31.41, -17.09
CIElCh	58, 35.759, 331.442
Yxy	26.0385, 0.3274, 0.2600
Android (android.graphics.Color)	4290017450 (0xFFB478AA)
YUV	143.6400, 12.9955, 31.8877
Hunter-Lab	51.0279, 25.4194, -12.2996

Details

The XYZ color **32.7946, 26.0385, 41.3277** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.0974, 38.2482, 27.0224**, and the grayscale version is **26.3092, 27.6793, 30.1428**.

A 20% lighter version of the original color is **63.4592, 53.3279, 78.1828**, and **14.0644, 10.1239, 18.3524** is the 20% darker color. If you saturate the color by 10%, you get **30.5495, 21.9970, 39.1952**, and if you desaturate by 10%, it is **35.4547, 30.8988, 43.6311**.

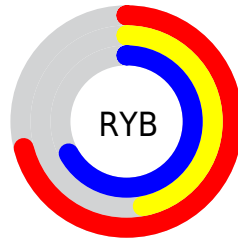
Distribution



Red (71%)

Green (47%)

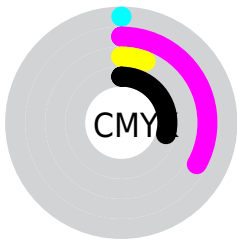
Blue (67%)



Red (71%)

Yellow (47%)

Blue (67%)

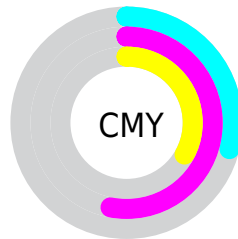


Cyan (0%)

Magenta (33%)

Yellow (6%)

Black (29%)



Cyan (29%)

Magenta (53%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7946, 26.0385, 41.3277 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 32.7946, 26.0385, 41.3277 by changing the saturation by 10% instead.

■ 32.7946, 26.0385,
41.3277

■ 32.7946, 26.0385,
41.3277

306.4046,
282.9710, 367.4055

■ 22.1276, 16.8524,
28.2536

■ 63.4115, 53.3370,
78.4402

■ 14.0678, 10.1293,
18.2762

■ 84.0922, 72.2183,
103.3156

■ 8.2499, 5.4848,
10.9770

■ 108.8415, 95.1001,
132.9620

■ 4.3084, 2.5344,
5.9374

138.0248,
122.3669, 167.7977

■ 1.8780, 0.8938,
2.7389

172.0073,
154.4030, 208.2414

■ 0.5640, 0.0000,
0.9629

211.1546,

■ 0.0000, 0.0000,

191.5927, 254.7115

0.0000

255.8319,
234.3206, 307.6267

■ 32.7946, 26.0385,
41.3277

■ 32.7946, 26.0385,
41.3277

■ 30.5495, 21.9970,
39.1952

■ 35.4547, 30.8988,
43.6311

■ 28.6942, 18.7250,
37.2240

■ 38.5485, 36.6165,
46.1110

■ 27.2041, 16.1735,
35.4061

■ 42.0964, 43.2320,
48.7746

■ 26.0513, 14.2862,
33.7320

■ 46.1170, 50.7822,
51.6284

■ 25.2034, 12.9987,
32.1907

■ 50.6276, 59.3018,
54.6782

■ 24.6216, 12.2334,
30.7689

■ 55.6448, 68.8238,
57.9300

■ 24.3276, 11.9054,
29.8692

■ 61.1842, 79.3797,
61.3889

■ 64.3206, 85.1186,
64.0803

■ 64.6611, 85.2548,
65.8732

Harmonies

Analogous

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



29.3448, 26.0385, 53.9094



32.7946, 26.0385, 41.3277



34.0271, 26.0385, 27.7562

Triad

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



32.7946, 26.0385, 41.3277



24.5401, 26.0385, 10.5863



18.3107, 26.0385, 42.6770

Complementary

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



32.7946, 26.0385, 41.3277



28.0974, 38.2482, 27.0224

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.



17.3320, 26.0385, 28.9552



32.7946, 26.0385, 41.3277



20.6596, 26.0385, 12.5007

Square

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



32.7946, 26.0385, 41.3277



28.9405, 26.0385, 12.1566



18.1400, 26.0385, 18.4229



20.9827, 26.0385, 54.8348

Rectangle

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



32.7946, 26.0385, 41.3277



33.3236, 26.0385, 20.5063



18.1400, 26.0385, 18.4229



17.7878, 26.0385, 37.9789

Sweetspot

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



32.7954, 26.0397, 41.3282



71.8381, 70.0043, 85.0976



24.1618, 21.4754, 46.0524



15.3409, 14.7846, 18.2509



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.7954, 26.0397, 41.3282



56.3993, 41.6855, 72.0628



30.2735, 25.0309, 28.0480



8.7880, 8.6219, 10.3820



17.0002, 8.3176, 20.9586



0.5510, 0.2682, 0.7444

Inverse Universe

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



32.7954, 26.0397, 41.3282



56.3993, 41.6855, 72.0628



30.4132, 39.1745, 39.2172



8.7880, 8.6219, 10.3820



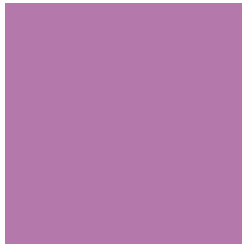
17.0002, 8.3176, 20.9586



0.5510, 0.2682, 0.7444

Previews

White Background



This preview shows how the XYZ color 32.7946, 26.0385, 41.3277 looks on a white background.

Color Contrast Check

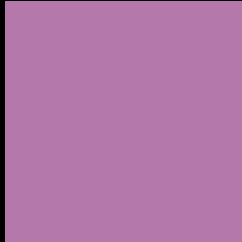
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7946, 26.0385, 41.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

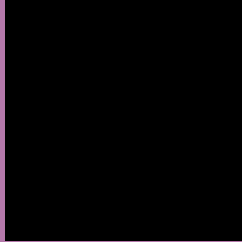
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7946, 26.0385, 41.3277

Background



This preview shows how black text looks on a background with the XYZ color 32.7946, 26.0385, 41.3277.



This preview shows how white text looks on a background with the XYZ color 32.7946, 26.0385,

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

32.7946, 26.0385, 41.3277

Protanopia

26.5378, 26.1850, 48.4553

Deuteranopia

26.7359, 26.2568, 40.2181



Tritanopia

29.9378, 26.1864, 26.7691

Trichromacy



Original Color

32.7946, 26.0385, 41.3277

Protanomaly

28.1848, 25.6500, 45.5849

Deuteranomaly

28.7018, 26.0283, 40.5570

Tritanomaly

30.6844, 25.9005, 31.3990

Monochromacy



Original Color

32.7946, 26.0385, 41.3277

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.3184, 26.7960, 33.8166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7946, 26.0385, 41.3277 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(180, 120, 170)` looks like.

```
.text, #text, p{  
    color:rgb(180, 120, 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(180, 120, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 120, 170) }
```

Border

The CSS property to change the border of an element to XYZ 32.7946, 26.0385, 41.3277 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(180, 120, 170) }
```


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

```
.border{ border-color:rgb(180, 120, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 120, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 120, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 120, 170);  
box-shadow:4px 4px 4px 4px rgb(180, 120,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7946, 26.0385, 41.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 120, 170) }
```

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

```
.background{ background-color: rgb(180,  
120, 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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