

Converting Colors

XYZ(30.6954, 26.7538, 44.6646)

Have a look what the booklet for
XYZ(30.6954, 26.7538, 44.6646)
contains.

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Color

**XYZ(30.7194, 26.7812,
44.6245)**

Conversions

Conversions Part 1

Format	Color
Hex	A282B0
RGB	162, 130, 176
RGB Percent	64%, 51%, 69%
CMY	0.3647, 0.4902, 0.3098
CMYK	0.08, 0.26, 0.00, 0.31
HSL	282°, 23%, 60%
HSV	282°, 26%, 69%
XYZ	30.7194, 26.7812, 44.6245
YIQ	144.8120, 4.3060, 21.0900

Conversions

Conversions Part 2

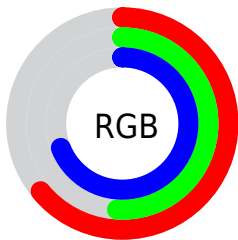
Format	Color
R_{YB}	162, 130, 176
Decimal	10650288
CIE _{Lab}	58.77, 20.84, -19.64
CIE _{LCh}	59, 28.641, 316.696
Yxy	26.7812, 0.3008, 0.2622
Android (android.graphics.Color)	4288840368 (0xFFA282B0)
YUV	144.8120, 15.3757, 15.0739
Hunter-Lab	51.7506, 15.3951, -14.9004

Details

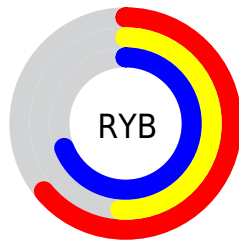
The XYZ color **30.7194, 26.7812, 44.6245** is a light color, and the websafe version is hex **996699**. A complement of this color would be **31.0570, 38.5923, 26.9325**, and the grayscale version is **26.7764, 28.1709, 30.6781**.

A 20% lighter version of the original color is **60.1142, 54.4449, 83.6845**, and **12.8742, 10.4824, 20.0836** is the 20% darker color. If you saturate the color by 10%, you get **27.5108, 21.9446, 43.8605**, and if you desaturate by 10%, it is **34.3765, 32.4448, 45.5253**.

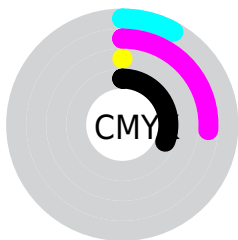
Distribution



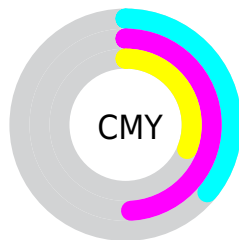
- Red (64%)
- Green (51%)
- Blue (69%)



- Red (64%)
- Yellow (51%)
- Blue (69%)



- Cyan (8%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)



- Cyan (36%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7194, 26.7812, 44.6245 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 30.7194, 26.7812, 44.6245 by changing the saturation by 10% instead.

■ 30.7194, 26.7812,
44.6245

■ 30.7194, 26.7812,
44.6245

297.0935,
286.5962, 381.3663

■ 20.5361, 17.4090,
30.8210

■ 60.1769, 54.5326,
83.4691

■ 12.8958, 10.5265,
20.2052

■ 80.1817, 73.6805,
109.3473

■ 7.4333, 5.7494,
12.3588

■ 104.1911, 96.8558,
140.0874

■ 3.7833, 2.6933,
6.8630

132.5704,
124.4428, 176.1080

■ 1.5803, 0.9738,
3.2994

165.6849,
156.8259, 217.8277

■ 0.3795, 0.0000,
1.2495

203.9000,

■ 0.0000, 0.0000,

194.3896, 265.6649

0.0198

247.5811,
237.5182, 320.0383

■ 0.0000, 0.0000,
0.0000

■ 30.7194, 26.7812,
44.6245

■ 30.7194, 26.7812,
44.6245

■ 27.5108, 21.9446,
43.8605

■ 34.3765, 32.4448,
45.5253

■ 24.7272, 17.8906,
43.2247

■ 38.4990, 38.9701,
46.5676

■ 22.3466, 14.5756,
42.7103

■ 43.1060, 46.3941,
47.7577

■ 20.3441, 11.9505,
42.3091

■ 48.2148, 54.7503,
49.1014

■ 18.6915, 9.9598,
42.0120

■ 53.8418, 64.0707,
50.6038

■ 17.3564, 8.5396,
41.8082

■ 60.0024, 74.3857,
52.2701

■ 16.2958, 7.6052,
41.6838

■ 66.7117, 85.7243,
54.1051

■ 15.9244, 7.3040,
41.6452

■ 68.7331, 87.6130,
54.3631

■ 70.2349, 88.3872,
54.4334

Harmonies

Analogous

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



27.4545, 26.7812, 52.0183



30.7194, 26.7812, 44.6245



32.6463, 26.7812, 33.8652

Triad

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



30.7194, 26.7812, 44.6245



27.0485, 26.7812, 14.0412



19.4922, 26.7812, 35.1076

Complementary

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



30.7194, 26.7812, 44.6245



31.0570, 38.5923, 26.9325

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.



19.4054, 26.7812, 24.9125



30.7194, 26.7812, 44.6245



23.5545, 26.7812, 14.2248

Square

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



30.7194, 26.7812, 44.6245



30.3986, 26.7812, 17.1803



20.8288, 26.7812, 17.7582



21.0782, 26.7812, 45.7133

Rectangle

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



30.7194, 26.7812, 44.6245



32.8070, 26.7812, 26.9523



20.8288, 26.7812, 17.7582



19.2922, 26.7812, 31.4854

Sweetspot

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



30.7202, 26.7823, 44.6251



68.2551, 68.1765, 84.0572



27.1027, 28.0001, 45.0508



14.5458, 14.3836, 18.1540



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.7202, 26.7823, 44.6251



52.4698, 43.6479, 80.1547



32.9154, 28.0074, 40.5062



8.5933, 8.5144, 10.6969



11.7454, 5.3908, 30.5585



0.4255, 0.1985, 0.9641

Inverse Universe

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



30.9220, 27.2101, 30.0089



52.9994, 44.6110, 49.0016



29.3510, 37.6447, 29.9299



8.5993, 8.5464, 9.3884



13.6412, 6.9740, 3.2707



0.4559, 0.2301, 0.2432

Previews

White Background



This preview shows how the XYZ color 30.7194, 26.7812, 44.6245 looks on a white background.

Color Contrast Check

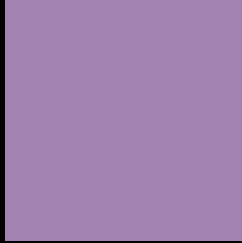
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7194, 26.7812, 44.6245 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 30.7194, 26.7812, 44.6245

Background



This preview shows how black text looks on a background with the XYZ color 30.7194, 26.7812, 44.6245.



This preview shows how white text looks on a background with the XYZ color 30.7194, 26.7812,

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

30.7194, 26.7812, 44.6245

Protanopia

27.1312, 26.9209, 48.5660

Deuteranopia

27.5201, 27.0102, 43.8074



Tritanopia

27.8971, 26.8517, 30.9067

Trichromacy



Original Color

30.7194, 26.7812, 44.6245

Protanomaly

28.1977, 26.6544, 46.8386

Deuteranomaly

28.5746, 26.9065, 44.2449

Tritanomaly

28.9090, 26.8554, 35.5582

Monochromacy



Original Color

30.7194, 26.7812, 44.6245

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.1413, 27.7358, 35.3228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7194, 26.7812, 44.6245 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(162, 130, 176)` looks like.

```
.text, #text, p{  
    color:rgb(162, 130, 176)  
}
```

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(162, 130, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 130, 176) }
```

Border

The CSS property to change the border of an element to XYZ 30.7194, 26.7812, 44.6245 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(162, 130, 176) }
```


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

```
.border{ border-color:rgb(162, 130, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 130, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 130, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 130, 176);  
box-shadow:4px 4px 4px 4px rgb(162, 130,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7194, 26.7812, 44.6245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 130, 176) }
```

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

```
.background{ background-color: rgb(162,  
130, 176) }
```

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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