

Converting Colors

XYZ(32.5560, 29.0598, 45.3004)

Have a look what the booklet for
XYZ(32.5560, 29.0598, 45.3004)
contains.

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Color

**XYZ(32.6074, 29.1726,
45.5073)**

Conversions

Conversions Part 1

Format	Color
Hex	A689B1
RGB	166, 137, 177
RGB Percent	65%, 54%, 69%
CMY	0.3490, 0.4627, 0.3059
CMYK	0.06, 0.23, 0.00, 0.31
HSL	284°, 20%, 62%
HSV	284°, 23%, 69%
XYZ	32.6074, 29.1726, 45.5073
YIQ	150.2310, 4.4440, 18.5880

Conversions

Conversions Part 2

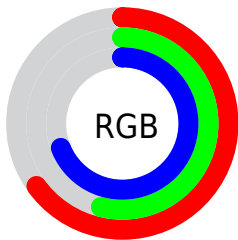
Format	Color
RYB	166, 137, 177
Decimal	10914225
CIELab	60.93, 18.41, -16.89
CIElCh	61, 24.985, 317.471
Yxy	29.1726, 0.3039, 0.2719
Android (android.graphics.Color)	4289104305 (0xFFA689B1)
YUV	150.2310, 13.1971, 13.8294
Hunter-Lab	54.0117, 13.2419, -12.1464

Details

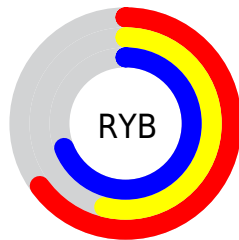
The XYZ color **32.6074, 29.1726, 45.5073** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.4512, 39.5470, 29.5912**, and the grayscale version is **29.0326, 30.5446, 33.2630**.

A 20% lighter version of the original color is **63.1576, 58.5169, 85.0569**, and **13.9857, 11.8490, 20.6187** is the 20% darker color. If you saturate the color by 10%, you get **29.2939, 24.0314, 44.6900**, and if you desaturate by 10%, it is **36.3741, 35.1617, 46.4652**.

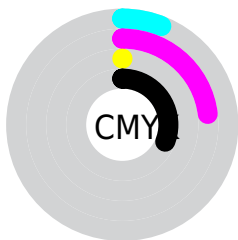
Distribution



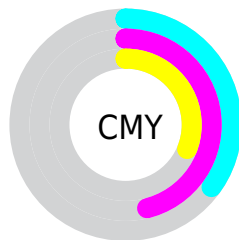
- Red (65%)
- Green (54%)
- Blue (69%)



- Red (65%)
- Yellow (54%)
- Blue (69%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (31%)



- Cyan (35%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6074, 29.1726, 45.5073 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 32.6074, 29.1726, 45.5073 by changing the saturation by 10% instead.

■ 32.6074, 29.1726,
45.5073

■ 32.6074, 29.1726,
45.5073

305.5733,
298.0285, 385.0441

■ 21.9837, 19.2114,
31.5113

■ 63.1209, 58.3512,
84.8076

■ 13.9614, 11.8232,
20.7268

■ 83.7413, 78.3374,
110.9491

■ 8.1754, 6.6234,
12.7352

■ 108.4247,
102.4341, 141.9762

■ 4.2601, 3.2277,
7.1179

137.5364,
131.0257, 178.3074

■ 1.8503, 1.2517,
3.4564

171.4418,
164.4965, 220.3612

■ 0.5477, 0.1034,
1.3321

210.5061,

■ 0.0000, 0.0000,

203.2310, 268.5563

0.0879

255.0948,
247.6135, 323.3111

■ 0.0000, 0.0000,
0.0000

■ 32.6074, 29.1726,
45.5073

■ 32.6074, 29.1726,
45.5073

■ 29.2939, 24.0314,
44.6900

■ 36.3741, 35.1617,
46.4652

■ 26.4104, 19.6939,
44.0048

■ 40.6104, 42.0327,
47.5682

■ 23.9355, 16.1176,
43.4449

■ 45.3352, 49.8222,
48.8227

■ 21.8448, 13.2544,
43.0025

■ 50.5656, 58.5636,
50.2343

■ 20.1114, 11.0508,
42.6685

■ 56.3176, 68.2885,
51.8082

■ 18.7040, 9.4453,
42.4328

■ 62.6067, 79.0274,
53.5496

■ 17.5858, 8.3647,
42.2831

■ 67.5351, 86.9839,
54.8256

■ 16.8871, 7.7889,
42.2088

■ 68.8566, 87.6652,
54.8874

■ 70.2199, 88.3680,
54.9512

Harmonies

Analogous

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



29.6521, 29.1726, 52.1453



32.6074, 29.1726, 45.5073



34.3067, 29.1726, 35.8191

Triad

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



32.6074, 29.1726, 45.5073



29.1096, 29.1726, 17.2667



22.1689, 29.1726, 37.4630

Complementary

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



32.6074, 29.1726, 45.5073



32.4512, 39.5470, 29.5912

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.



22.0486, 29.1726, 28.0271



32.6074, 29.1726, 45.5073



25.8884, 29.1726, 17.5349

Square

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



32.6074, 29.1726, 45.5073



32.1836, 29.1726, 20.2879



23.3608, 29.1726, 21.1103



23.7033, 29.1726, 46.9121

Rectangle

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



32.6074, 29.1726, 45.5073



34.4175, 29.1726, 29.4870



23.3608, 29.1726, 21.1103



21.9663, 29.1726, 34.1553

Sweetspot

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



32.6083, 29.1738, 45.5079



69.1936, 69.5135, 84.2659



28.8957, 29.7784, 45.8203



14.9008, 14.9113, 18.2371



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.



32.6083, 29.1738, 45.5079



55.4138, 47.5845, 80.7594



34.1770, 30.0792, 41.2141



8.6176, 8.5269, 10.6980



12.2959, 5.6746, 30.5842



0.4396, 0.2057, 0.9648

Inverse Universe

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



32.4233, 29.3777, 31.9797



55.1020, 48.0591, 52.0363



31.2021, 38.8284, 32.9097



8.5892, 8.5424, 9.3352



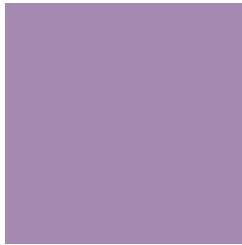
13.5561, 6.9400, 2.8226



0.4518, 0.2285, 0.2217

Previews

White Background



This preview shows how the XYZ color 32.6074, 29.1726, 45.5073 looks on a white background.

Color Contrast Check

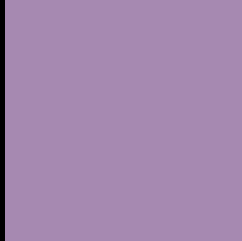
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6074, 29.1726, 45.5073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

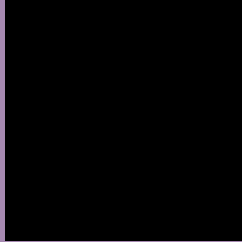
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6074, 29.1726, 45.5073

Background



This preview shows how black text looks on a background with the XYZ color 32.6074, 29.1726, 45.5073.



This preview shows how white text looks on a background with the XYZ color 32.6074, 29.1726,

45.5073.

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

32.6074, 29.1726, 45.5073

Protanopia

29.3074, 29.3799, 48.9260

Deuteranopia

29.8424, 29.2842, 45.1538



Tritanopia

30.1749, 29.0310, 34.1502

Trichromacy



Original Color

32.6074, 29.1726, 45.5073

Protanomaly

30.3757, 29.2770, 47.7661

Deuteranomaly

30.6878, 29.0544, 45.0649

Tritanomaly

31.0039, 29.1513, 38.1751

Monochromacy



Original Color

32.6074, 29.1726, 45.5073

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.1809, 29.8568, 37.4299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6074, 29.1726, 45.5073 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(166, 137, 177)` looks like.

```
.text, #text, p{  
    color:rgb(166, 137, 177)  
}
```

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(166, 137, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 137, 177) }
```

Border

The CSS property to change the border of an element to XYZ 32.6074, 29.1726, 45.5073 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(166, 137, 177) }
```


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

```
.border{ border-color:rgb(166, 137, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 137, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 137, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 137, 177);  
box-shadow:4px 4px 4px 4px rgb(166, 137,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6074, 29.1726, 45.5073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 137, 177) }
```

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

```
.background{ background-color: rgb(166,  
137, 177) }
```

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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