

Converting Colors

XYZ(29.0512, 24.7341, 21.3401)

Have a look what the booklet for
XYZ(29.0512, 24.7341, 21.3401)
contains.

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Color

**XYZ(29.1110, 24.7585,
21.3337)**

Conversions

Conversions Part 1

Format	Color
Hex	B47979
RGB	180, 121, 121
RGB Percent	71%, 47%, 47%
CMY	0.2941, 0.5255, 0.5255
CMYK	0.00, 0.33, 0.33, 0.29
HSL	0°, 28%, 59%
HSV	0°, 33%, 71%
XYZ	29.1110, 24.7585, 21.3337
YIQ	138.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

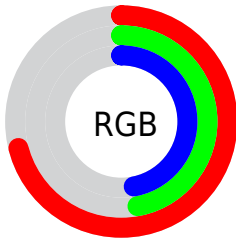
Format	Color
RYB	180, 121, 121
Decimal	11827577
CIELab	56.84, 23.07, 9.42
CIELCh	57, 24.923, 22.214
Yxy	24.7585, 0.3871, 0.3292
Android (android.graphics.Color)	4290017657 (0xFFB47979)
YUV	138.6410, -8.6970, 36.2718
Hunter-Lab	49.7579, 17.3556, 9.4100

Details

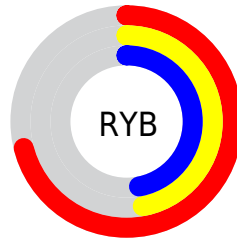
The XYZ color **29.1110, 24.7585, 21.3337** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.4442, 40.0016, 49.1913**, and the grayscale version is **24.4261, 25.6981, 27.9853**.

A 20% lighter version of the original color is **57.6039, 51.2938, 46.3998**, and **11.9774, 9.4757, 7.5011** is the 20% darker color. If you saturate the color by 10%, you get **26.1215, 20.3842, 15.3900**, and if you desaturate by 10%, it is **32.7159, 30.0337, 28.4992**.

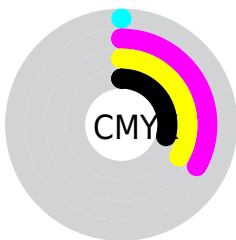
Distribution



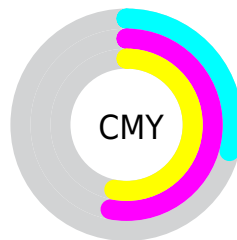
- Red (71%)
- Green (47%)
- Blue (47%)



- Red (71%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (29%)



- Cyan (29%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1110, 24.7585, 21.3337 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 29.1110, 24.7585, 21.3337 by changing the saturation by 10% instead.

■ 29.1110, 24.7585,
21.3337

■ 29.1110, 24.7585,
21.3337

289.7231,
276.6331, 271.8857

■ 19.3095, 15.8972,
13.1745

■ 57.6497, 51.2652,
46.5302

■ 11.9995, 9.4515,
7.4167

■ 77.1177, 69.6793,
64.4047

■ 6.8155, 5.0368,
3.6417

■ 100.5385, 92.0466,
86.3546

■ 3.3923, 2.2689,
1.4309

128.2776,
118.7514, 112.7986

■ 1.3645, 0.7572,
0.1656

160.7002,
150.1780, 144.1551

■ 0.2307, 0.0000,
0.0000

198.1717,

■ 0.0000, 0.0000,

186.7109, 180.8428

0.0000

241.0576,
228.7345, 223.2802

■ 29.1110, 24.7585,
21.3337

■ 29.1110, 24.7585,
21.3337

■ 26.1215, 20.3842,
15.3900

■ 32.7159, 30.0337,
28.4992

■ 23.7112, 16.8573,
10.5986

■ 36.9658, 36.2525,
36.9478

■ 21.8432, 14.1238,
6.8852


■ 41.8907, 43.4590,
46.7385


■ 20.4756, 12.1225,
4.1665

■ 47.5183, 51.6937,
57.9261


■ 19.5601, 10.7828,
2.3467


■ 53.8746, 60.9947,
70.5624

 19.0392, 10.0205,
1.3115

 60.9843, 71.3982,
84.6966

 18.8226, 9.7036,
0.8809

 68.8711, 82.9386,
100.3755

 72.6325, 88.4434,
107.8509

Harmonies

Analogous

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



29.5328, 24.7585, 29.1910



29.1110, 24.7585, 21.3337



27.1356, 24.7585, 16.1589

Triad

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



29.1110, 24.7585, 21.3337



19.3753, 24.7585, 18.2712



22.7812, 24.7585, 46.1913

Complementary

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



29.1110, 24.7585, 21.3337



32.4442, 40.0016, 49.1913

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.



20.2628, 24.7585, 41.7355



29.1110, 24.7585, 21.3337



18.4050, 24.7585, 24.8415

Square

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



29.1110, 24.7585, 21.3337



21.4764, 24.7585, 14.6620



18.7160, 24.7585, 33.4925



25.7152, 24.7585, 44.7134

Rectangle

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



29.1110, 24.7585, 21.3337



25.2859, 24.7585, 14.3811



18.7160, 24.7585, 33.4925



21.8616, 24.7585, 45.3104

Sweetspot

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



29.1117, 24.7597, 21.3342



69.2339, 68.9632, 71.3823



33.8982, 26.6736, 46.5421



14.7086, 14.5318, 14.9207



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.



29.1117, 24.7597, 21.3342



48.9342, 39.2590, 31.0273



33.2602, 33.0567, 22.7170



8.4964, 8.5054, 8.8464



13.1370, 6.7725, 0.6148



0.4134, 0.2131, 0.0193

Inverse Universe

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



32.4442, 40.0016, 49.1913



55.8760, 71.0088, 89.0557



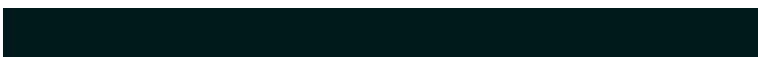
27.1100, 29.3331, 47.4133



8.7426, 9.6315, 10.9046



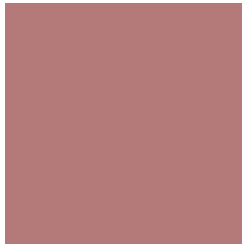
17.1395, 25.0793, 34.0744



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 29.1110, 24.7585, 21.3337 looks on a white background.

Color Contrast Check

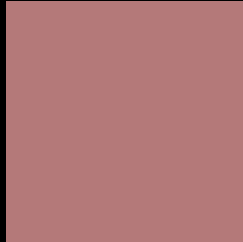
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1110, 24.7585, 21.3337 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 29.1110, 24.7585, 21.3337

Background



This preview shows how black text looks on a background with the XYZ color 29.1110, 24.7585, 21.3337.



This preview shows how white text looks on a background with the XYZ color 29.1110, 24.7585,

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

29.1110, 24.7585, 21.3337

Protanopia

23.7511, 24.8560, 24.3148

Deuteranopia

25.2913, 24.9024, 20.9264



Tritanopia

29.7350, 24.8417, 23.9966

Trichromacy



Original Color

29.1110, 24.7585, 21.3337

Protanomaly

25.3998, 24.7075, 23.1690

Deuteranomaly

26.6264, 24.7937, 21.1516

Tritanomaly

29.5384, 24.7631, 22.9616

Monochromacy



Original Color

29.1110, 24.7585, 21.3337

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.7425, 25.0385, 25.3059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1110, 24.7585, 21.3337 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, 121, 121)` looks like.

```
.text, #text, p{  
    color:rgb(180, 121, 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(180, 121, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 121, 121) }
```

Border

The CSS property to change the border of an element to XYZ 29.1110, 24.7585, 21.3337 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, 121, 121) }
```


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

```
.border{ border-color:rgb(180, 121, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 121, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 121, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 121, 121); box-shadow:4px 4px 4px 4px rgb(180, 121, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1110, 24.7585, 21.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 121, 121) }
```

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

```
.background{ background-color: rgb(180,  
121, 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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