

Converting Colors

XYZ(32.1686, 31.1881, 25.2545)

Have a look what the booklet for
XYZ(32.1686, 31.1881, 25.2545)
contains.

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Color

**XYZ(32.2193, 31.1829,
25.0896)**

Conversions

Conversions Part 1

Format	Color
Hex	B19181
RGB	177, 145, 129
RGB Percent	69%, 57%, 51%
CMY	0.3059, 0.4314, 0.4941
CMYK	0.00, 0.18, 0.27, 0.31
HSL	20°, 24%, 60%
HSV	20°, 27%, 69%
XYZ	32.2193, 31.1829, 25.0896
YIQ	152.7440, 24.2080, 1.8080

Conversions

Conversions Part 2

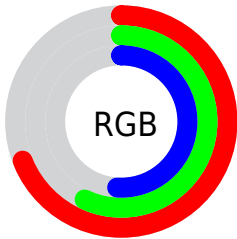
Format	Color
RYB	177, 153, 129
Decimal	11637121
CIELab	62.66, 9.57, 13.01
CIElCh	63, 16.150, 53.664
Yxy	31.1829, 0.3641, 0.3524
Android (android.graphics.Color)	4289827201 (0xFFB19181)
YUV	152.7440, -11.7058, 21.2725
Hunter-Lab	55.8417, 5.2674, 12.4502

Details

The XYZ color **32.2193, 31.1829, 25.0896** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.7335, 33.3301, 46.4613**, and the grayscale version is **30.2096, 31.7828, 34.6115**.

A 20% lighter version of the original color is **62.4712, 61.5479, 52.8433**, and **13.8524, 13.0487, 9.3780** is the 20% darker color. If you saturate the color by 10%, you get **29.4331, 27.3330, 18.8505**, and if you desaturate by 10%, it is **35.3982, 35.4917, 32.4658**.

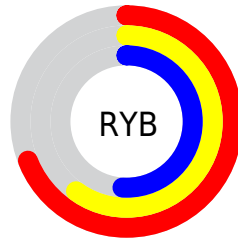
Distribution



Red (69%)

Green (57%)

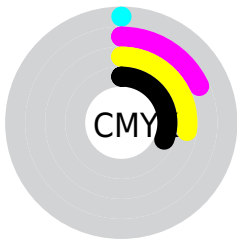
Blue (51%)



Red (69%)

Yellow (60%)

Blue (51%)

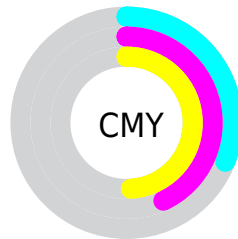


Cyan (0%)

Magenta (18%)

Yellow (27%)

Black (31%)



Cyan (31%)


Magenta (43%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2193, 31.1829, 25.0896 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 32.2193, 31.1829, 25.0896 by changing the saturation by 10% instead.


 32.2193, 31.1829,
25.0896

 32.2193, 31.1829,
25.0896


303.8446,
307.3801, 291.7458


 21.6854, 20.7382,
15.9242


 62.5176, 61.5279,
52.7685

 13.7412, 12.9327,
9.3168


 83.0127, 82.1970,
72.1190

 8.0214, 7.3822,
4.8487


 107.5590,
107.0429, 95.7017

 4.1606, 3.7023,
2.1016

136.5217,
136.4502, 123.9350

 1.7934, 1.5085,
0.6167

170.2663,
170.8031, 157.2375

 0.5137, 0.2947,
0.0000

209.1581,

 0.0000, 0.0000,

210.4862, 196.0278

0.0000

253.5624,
255.8837, 240.7244

■ 32.2193, 31.1829,
25.0896

■ 32.2193, 31.1829,
25.0896

■ 29.4331, 27.3330,
18.8505

■ 35.3982, 35.4917,
32.4658

■ 27.0210, 23.9221,
13.6893

■ 38.9826, 40.2700,
41.0305

■ 24.9664, 20.9352,
9.5445

■ 42.9877, 45.5331,
50.8339

■ 23.2503, 18.3545,
6.3472

■ 47.4270, 51.2947,
61.9230

■ 21.8518, 16.1612,
4.0202

■ 52.3135, 57.5676,
74.3424

■ 20.7472, 14.3342,
2.4735

■ 57.6597, 64.3643,
88.1343

■ 19.9047, 12.8488,
1.5774

■ 63.4775, 71.6969,
103.3393

■ 19.6962, 12.4765,
1.3701

■ 67.1634, 78.5308,
106.2258

■ 70.7387, 85.6816,
107.4176

Harmonies

Analogous

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



33.6891, 31.1829, 29.3137



32.2193, 31.1829, 25.0896



30.1083, 31.1829, 23.2684

Triad

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



32.2193, 31.1829, 25.0896



25.6253, 31.1829, 32.6318



31.3709, 31.1829, 46.3177

Complementary

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



32.2193, 31.1829, 25.0896



29.7335, 33.3301, 46.4613

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.



29.1735, 31.1829, 47.4907



32.2193, 31.1829, 25.0896



25.9262, 31.1829, 39.0574

Square

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



32.2193, 31.1829, 25.0896



26.3561, 31.1829, 27.2613



27.1992, 31.1829, 44.6906



33.1826, 31.1829, 41.6586

Rectangle

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



32.2193, 31.1829, 25.0896



28.6492, 31.1829, 23.4782



27.1992, 31.1829, 44.6906



30.6501, 31.1829, 47.1549

Sweetspot

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



32.2201, 31.1843, 25.0902



69.1286, 71.2112, 71.8217



32.4150, 27.6212, 37.3414



14.7676, 15.1492, 15.0502



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.



32.2201, 31.1843, 25.0902



54.4094, 51.3123, 37.5059



36.2821, 39.3082, 26.4442



8.7202, 8.9529, 8.9210



14.3212, 9.1410, 1.0096



0.5056, 0.3976, 0.0501

Inverse Universe

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



29.7335, 33.3301, 46.4613



49.1466, 55.8363, 82.6825



25.9350, 25.7331, 45.1951



8.4992, 9.1446, 10.8235



10.5000, 11.8003, 31.8613



0.3813, 0.4732, 1.0195

Previews

White Background



This preview shows how the XYZ color 32.2193, 31.1829, 25.0896 looks on a white background.

Color Contrast Check

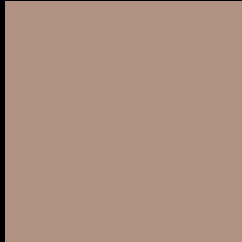
Large Text (above 18pt) WCAG AA × Fail

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 32.2193, 31.1829, 25.0896 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 ✓ Pass

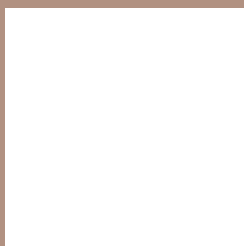
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2193, 31.1829, 25.0896

Background



This preview shows how black text looks on a background with the XYZ color 32.2193, 31.1829, 25.0896.



This preview shows how white text looks on a background with the XYZ color 32.2193, 31.1829,

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

32.2193, 31.1829, 25.0896

Protanopia

29.5295, 31.1701, 26.2899

Deuteranopia

31.9205, 31.2567, 25.1196



Tritanopia

34.2452, 31.3492, 34.3831

Trichromacy



Original Color

32.2193, 31.1829, 25.0896

Protanomaly

30.5701, 31.2406, 25.8915

Deuteranomaly

32.1458, 31.3729, 25.1302

Tritanomaly

33.4469, 31.2422, 30.6531

Monochromacy



Original Color

32.2193, 31.1829, 25.0896

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.8407, 31.5077, 30.8417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2193, 31.1829, 25.0896 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(177, 145, 129)` looks like.

```
.text, #text, p{  
    color:rgb(177, 145, 129)  
}
```

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(177, 145, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 145, 129) }
```

Border

The CSS property to change the border of an element to XYZ 32.2193, 31.1829, 25.0896 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(177, 145, 129) }
```


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

```
.border{ border-color:rgb(177, 145, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 145, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 145, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 145, 129);  
box-shadow:4px 4px 4px 4px rgb(177, 145,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2193, 31.1829, 25.0896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 145, 129) }
```

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

```
.background{ background-color: rgb(177,  
145, 129) }
```

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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