

Converting Colors

XYZ(32.1726, 28.1792, 11.0493)

Have a look what the booklet for
XYZ(32.1726, 28.1792, 11.0493)
contains.

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Color

**XYZ(32.1589, 28.2655,
11.1580)**

Conversions

Conversions Part 1

Format	Color
Hex	C4824F
RGB	196, 130, 79
RGB Percent	77%, 51%, 31%
CMY	0.2314, 0.4902, 0.6902
CMYK	0.00, 0.34, 0.60, 0.23
HSL	26°, 50%, 54%
HSV	26°, 60%, 77%
XYZ	32.1589, 28.2655, 11.1580
YIQ	143.9200, 55.7070, -1.8690

Conversions

Conversions Part 2

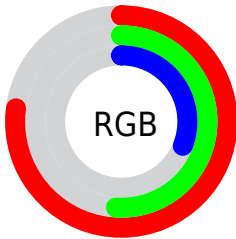
Format	Color
R_{YB}	196, 169, 79
Decimal	12878415
CIE _{Lab}	60.13, 20.27, 37.66
CIE _{LCh}	60, 42.773, 61.708
Yxy	28.2655, 0.4493, 0.3949
Android (android.graphics.Color)	4291068495 (0xFFC4824F)
YUV	143.9200, -32.0056, 45.6742
Hunter-Lab	53.1653, 14.9327, 24.7723

Details

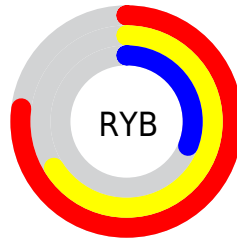
The XYZ color **32.1589, 28.2655, 11.1580** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **23.3132, 25.8975, 55.9944**, and the grayscale version is **26.5867, 27.9713, 30.4608**.

A 20% lighter version of the original color is **62.1359, 56.7120, 28.4405**, and **13.6106, 11.2449, 2.8196** is the 20% darker color. If you saturate the color by 10%, you get **30.1556, 25.2373, 7.4744**, and if you desaturate by 10%, it is **34.5319, 31.6967, 16.0028**.

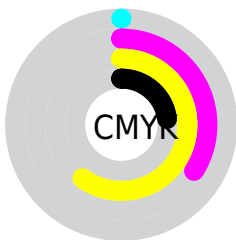
Distribution



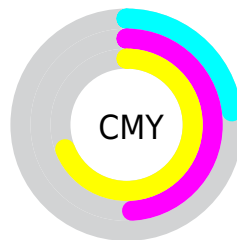
- Red (77%)
- Green (51%)
- Blue (31%)



- Red (77%)
- Yellow (66%)
- Blue (31%)



- Cyan (0%)
- Magenta (34%)
- Yellow (60%)
- Black (23%)



- Cyan (23%)
- Magenta (49%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1589, 28.2655, 11.1580 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 32.1589, 28.2655, 11.1580 by changing the saturation by 10% instead.

■ 32.1589, 28.2655,
11.1580

■ 32.1589, 28.2655,
11.1580

303.5749,
293.7334, 209.5245

■ 21.6390, 18.5259,
6.0577

■ 62.4236, 56.9080,
28.5931

■ 13.7070, 11.3282,
2.8108

■ 82.8992, 76.5798,
41.7649

■ 7.9975, 6.2880,
0.9989

■ 107.4240,
100.3310, 58.4644

■ 4.1451, 3.0210,
0.0000

■ 136.3635,
128.5461, 79.1100

■ 1.7846, 1.1427,
0.0000

■ 170.0830,
161.6095, 104.1202

■ 0.5084, 0.0142,
0.0000

208.9478,

■ 0.0000, 0.0000,

199.9056, 133.9137

0.0000

253.3233,
243.8188, 168.9090

■ 32.1589, 28.2655,
11.1580

■ 32.1589, 28.2655,
11.1580

■ 30.1556, 25.2373,
7.4744

■ 34.5319, 31.6967,
16.0028

■ 28.4959, 22.5903,
4.8483

■ 37.2941, 35.5429,
22.0973

■ 27.1527, 20.3065,
3.1597

■ 40.4658, 39.8206,
29.5229

■ 26.0786, 18.3579,
2.1862

■ 44.0652, 44.5440,
38.3538

■ 26.0484, 18.3027,
2.1599

■ 48.1092, 49.7268,
48.6584

■ 52.6139, 55.3818,
60.5010

■ 57.5943, 61.5213,
73.9418

■ 63.0648, 68.1572,
89.0376

■ 68.9745, 75.2750,
105.5019

Harmonies

Analogous

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



36.8309, 28.2655, 17.5166



32.1589, 28.2655, 11.1580



26.5537, 28.2655, 9.4345

Triad

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



32.1589, 28.2655, 11.1580



17.6732, 28.2655, 31.6816



32.7741, 28.2655, 64.1252

Complementary

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



32.1589, 28.2655, 11.1580



23.3132, 25.8975, 55.9944

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.



27.1798, 28.2655, 71.7102



32.1589, 28.2655, 11.1580



18.8824, 28.2655, 49.4529

Square

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



32.1589, 28.2655, 11.1580



18.6360, 28.2655, 18.6049



22.1874, 28.2655, 65.5989



37.2186, 28.2655, 47.3530

Rectangle

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



32.1589, 28.2655, 11.1580



23.1641, 28.2655, 10.4317



22.1874, 28.2655, 65.5989



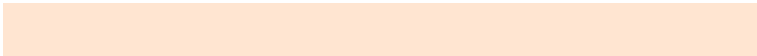
30.9416, 28.2655, 68.0478

Sweetspot

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



32.1596, 28.2669, 11.1585



80.8106, 81.9676, 71.9487



30.6951, 19.3816, 29.0330



16.8595, 16.9774, 14.3059



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.1596, 28.2669, 11.1585



53.5274, 43.9944, 11.6993



42.2022, 48.3522, 14.5061



10.4263, 10.7841, 10.5939



16.8197, 11.9252, 1.4153



0.7952, 0.6522, 0.0840

Inverse Universe

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



23.3132, 25.8975, 55.9944



36.0006, 39.2201, 100.2805



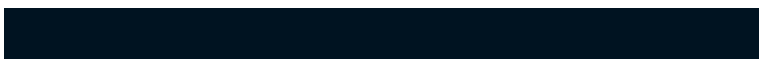
16.5805, 12.4322, 53.7502



9.9891, 10.6695, 12.8178



10.1106, 9.9778, 34.9496



0.5044, 0.5663, 1.5326

Previews

White Background



This preview shows how the XYZ color 32.1589, 28.2655, 11.1580 looks on a white background.

Color Contrast Check

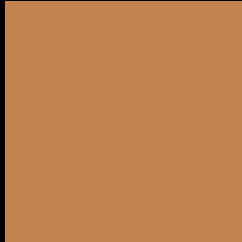
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1589, 28.2655, 11.1580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

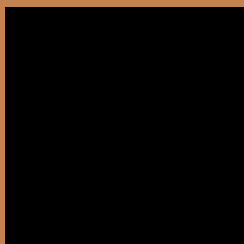
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1589, 28.2655, 11.1580

Background



This preview shows how black text looks on a background with the XYZ color 32.1589, 28.2655, 11.1580.



This preview shows how white text looks on a background with the XYZ color 32.1589, 28.2655,

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

32.1589, 28.2655, 11.1580

Protanopia

26.0237, 28.2618, 12.4710

Deuteranopia

28.7881, 28.1778, 10.9427



Tritanopia

35.2607, 28.3881, 25.8113

Trichromacy



Original Color

32.1589, 28.2655, 11.1580

Protanomaly

27.9143, 28.1360, 11.9422

Deuteranomaly

30.0467, 28.1923, 11.0658

Tritanomaly

33.9947, 28.2561, 19.2850

Monochromacy



Original Color

32.1589, 28.2655, 11.1580

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.7270, 27.6078, 21.6368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1589, 28.2655, 11.1580 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(196, 130, 79)` looks like.

```
.text, #text, p{  
    color:rgb(196, 130, 79)  
}
```

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(196, 130, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 130, 79) }
```

Border

The CSS property to change the border of an element to XYZ 32.1589, 28.2655, 11.1580 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(196, 130, 79) }
```


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

```
.border{ border-color:rgb(196, 130, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 130, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 130, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 130, 79);  
box-shadow:4px 4px 4px 4px rgb(196, 130,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1589, 28.2655, 11.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 130, 79) }
```

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

```
.background{ background-color: rgb(196,  
130, 79) }
```

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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