

Converting Colors

XYZ(32.4667, 26.1924, 19.3815)

Have a look what the booklet for
XYZ(32.4667, 26.1924, 19.3815)
contains.

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Color

**XYZ(32.3990, 26.1443,
19.2583)**

Conversions

Conversions Part 1

Format	Color
Hex	C47772
RGB	196, 119, 114
RGB Percent	77%, 47%, 45%
CMY	0.2314, 0.5333, 0.5529
CMYK	0.00, 0.39, 0.42, 0.23
HSL	4°, 41%, 61%
HSV	4°, 42%, 77%
XYZ	32.3990, 26.1443, 19.2583
YIQ	141.4530, 47.4970, 14.7690

Conversions

Conversions Part 2

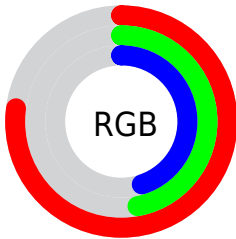
Format	Color
R_{YB}	196, 119, 114
Decimal	12875634
CIE Lab	58.17, 29.56, 15.62
CIE LCh	58, 33.434, 27.851
Yxy	26.1443, 0.4164, 0.3360
Android (android.graphics.Color)	4291065714 (0xFFC47772)
YUV	141.4530, -13.5343, 47.8377
Hunter-Lab	51.1315, 23.6248, 13.4609

Details

The XYZ color **32.3990, 26.1443, 19.2583** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.5331, 44.8225, 59.0032**, and the grayscale version is **25.5345, 26.8643, 29.2552**.

A 20% lighter version of the original color is **62.8755, 53.5182, 43.0925**, and **13.7590, 10.1386, 6.3860** is the 20% darker color. If you saturate the color by 10%, you get **29.4184, 21.7813, 13.3379**, and if you desaturate by 10%, it is **36.0441, 31.4537, 26.5800**.

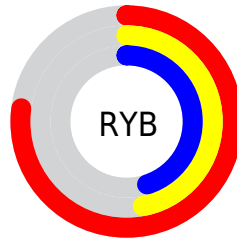
Distribution



Red (77%)

Green (47%)

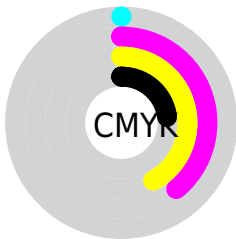
Blue (45%)



Red (77%)

Yellow (47%)

Blue (45%)

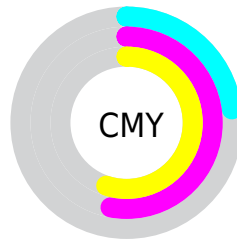


Cyan (0%)

Magenta (39%)

Yellow (42%)

Black (23%)



Cyan (23%)


Magenta (53%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3990, 26.1443, 19.2583 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 32.3990, 26.1443, 19.2583 by changing the saturation by 10% instead.


 32.3990, 26.1443,
19.2583


 32.3990, 26.1443,
19.2583


304.6459,
283.4897, 260.3411


 21.8235, 16.9316,
11.6784


 62.7971, 53.5076,
43.0126


 13.8431, 10.1858,
6.4052


 83.3503, 72.4271,
60.0241

 8.0926, 5.5223,
3.0203


 107.9601, 95.3509,
81.0164

 4.2066, 2.5568,
1.1050

 136.9919,
122.6636, 106.4083

 1.8196, 0.9050,
0.0000

170.8111,
154.7494, 136.6181

 0.5295, 0.0000,
0.0000

209.7829,

 0.0000, 0.0000,

191.9927, 172.0645

0.0000

254.2727,
234.7780, 213.1660

■ 32.3990, 26.1443,
19.2583

■ 32.3990, 26.1443,
19.2583

■ 29.4184, 21.7813,
13.3379

■ 36.0441, 31.4537,
26.5800

■ 27.0603, 18.3055,
8.7280

■ 40.3884, 37.7565,
35.3831

■ 25.2811, 15.6571,
5.3294


■ 45.4664, 45.1010,
45.7432


■ 24.0306, 13.7674,
3.0281


■ 51.3100, 53.5316,
57.7306

■ 23.2501, 12.5564,
1.6885

■ 57.9489, 63.0898,
71.4112

 22.8959, 11.9978,
1.1091

 65.4116, 73.8150,
86.8471

 73.7248, 85.7448,
104.0974

 76.5749, 90.4757,
108.0354

Harmonies

Analogous

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



33.4821, 26.1443, 29.3119



32.3990, 26.1443, 19.2583



29.2327, 26.1443, 13.4390

Triad

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



32.3990, 26.1443, 19.2583



18.8161, 26.1443, 18.1625



24.5583, 26.1443, 57.1136

Complementary

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



32.3990, 26.1443, 19.2583



35.5331, 44.8225, 59.0032

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.



20.9277, 26.1443, 51.8627



32.3990, 26.1443, 19.2583



17.8448, 26.1443, 27.6379

Square

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



32.3990, 26.1443, 19.2583



21.3824, 26.1443, 12.9379



18.5743, 26.1443, 40.2230



28.6722, 26.1443, 53.1213

Rectangle

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



32.3990, 26.1443, 19.2583



26.5263, 26.1443, 11.7434



18.5743, 26.1443, 40.2230



23.2446, 26.1443, 56.3467

Sweetspot

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



32.3997, 26.1456, 19.2588



81.0263, 79.7691, 80.1283



38.2856, 27.5719, 53.1150



16.8852, 16.4122, 16.2154



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.



32.3997, 26.1456, 19.2588



53.8068, 40.2120, 25.1757



38.2176, 37.7814, 21.1981



10.1215, 10.1743, 10.4923



14.7339, 7.7536, 0.7200



0.6540, 0.3697, 0.0369

Inverse Universe

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



35.5331, 44.8225, 59.0032



60.2046, 78.4257, 106.5723



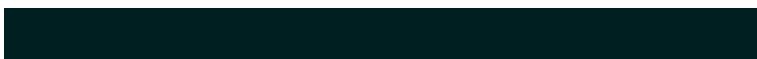
27.9539, 29.6641, 56.4768



10.3142, 11.3197, 12.9261



17.4439, 24.6443, 37.3940



0.7699, 1.0973, 1.6211

Previews

White Background



This preview shows how the XYZ color 32.3990, 26.1443, 19.2583 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 32.3990, 26.1443, 19.2583 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 32.3990, 26.1443, 19.2583

Background



This preview shows how black text looks on a background with the XYZ color 32.3990, 26.1443, 19.2583.



This preview shows how white text looks on a background with the XYZ color 32.3990, 26.1443,

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

32.3990, 26.1443, 19.2583

Protanopia

24.8702, 26.3224, 22.8387

Deuteranopia

26.8431, 26.3682, 18.7137



Tritanopia

33.1531, 26.0993, 23.0290

Trichromacy



Original Color

32.3990, 26.1443, 19.2583

Protanomaly

26.9513, 25.7511, 21.3193

Deuteranomaly

28.6794, 26.1005, 18.8556

Tritanomaly

33.0172, 26.2323, 21.7355

Monochromacy



Original Color

32.3990, 26.1443, 19.2583

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.1822, 25.9908, 25.0568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3990, 26.1443, 19.2583 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, 119, 114)` looks like.

```
.text, #text, p{  
    color:rgb(196, 119, 114)  
}
```

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, 119, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 119, 114) }
```

Border

The CSS property to change the border of an element to XYZ 32.3990, 26.1443, 19.2583 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, 119, 114) }
```


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

```
.border{ border-color:rgb(196, 119, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 119, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 119, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 119, 114);  
box-shadow:4px 4px 4px 4px rgb(196, 119,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3990, 26.1443, 19.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 119, 114) }
```

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

```
.background{ background-color: rgb(196,  
119, 114) }
```

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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