

Converting Colors

XYZ(26.0505, 28.9780, 41.7568)

Have a look what the booklet for
XYZ(26.0505, 28.9780, 41.7568)
contains.

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Color

**XYZ(26.1132, 29.0627,
41.7695)**

Conversions

Conversions Part 1

Format	Color
Hex	7997A9
RGB	121, 151, 169
RGB Percent	47%, 59%, 66%
CMY	0.5255, 0.4078, 0.3373
CMYK	0.28, 0.11, 0.00, 0.34
HSL	202°, 22%, 57%
HSV	202°, 28%, 66%
XYZ	26.1132, 29.0627, 41.7695
YIQ	144.0820, -23.6580, -0.7620

Conversions

Conversions Part 2

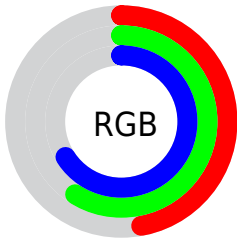
Format	Color
R_{YB}	121, 139, 169
Decimal	7968681
CIE _{Lab}	60.84, -6.15, -12.84
CIE _{LCh}	61, 14.240, 244.420
Yxy	29.0627, 0.2694, 0.2998
Android (android.graphics.Color)	4286158761 (0xFF7997A9)
YUV	144.0820, 12.2846, -20.2429
Hunter-Lab	53.9098, -7.8792, -8.2012

Details

The XYZ color **26.1132, 29.0627, 41.7695** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.0465, 28.2811, 22.0178**, and the grayscale version is **26.5019, 27.8820, 30.3635**.

A 20% lighter version of the original color is **52.7414, 58.0431, 78.9447**, and **10.3666, 11.7383, 18.5490** is the 20% darker color. If you saturate the color by 10%, you get **22.9567, 25.9626, 41.3380**, and if you desaturate by 10%, it is **29.7412, 32.4887, 42.2401**.

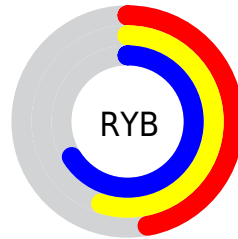
Distribution



Red (47%)

Green (59%)

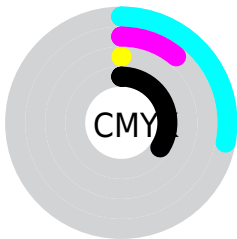
Blue (66%)



Red (47%)

Yellow (55%)

Blue (66%)

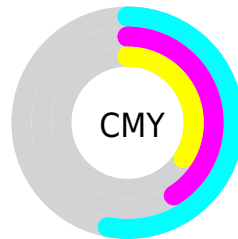


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (41%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1132, 29.0627, 41.7695 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 26.1132, 29.0627, 41.7695 by changing the saturation by 10% instead.

■ 26.1132, 29.0627,
41.7695

■ 26.1132, 29.0627,
41.7695

275.5838,
297.5107, 369.2980

■ 17.0415, 19.1283,
28.5966

■ 52.8875, 58.1767,
79.1170

■ 10.3596, 11.7630,
18.5329

■ 71.3208, 78.1250,
104.1287

■ 5.7021, 6.5825,
11.1599

■ 93.6053, 102.1801,
133.9237

■ 2.7037, 3.2024,
6.0590

120.1064,
130.7264, 168.9206

■ 0.9991, 1.2383,
2.8116

151.1895,
164.1481, 209.5379

■ 0.0000, 0.0927,
0.9993

187.2198,

■ 0.0000, 0.0000,

202.8299, 256.1943

0.0000

228.5628,
247.1559, 309.3081

■ 26.1132, 29.0627,
41.7695

■ 26.1132, 29.0627,
41.7695

■ 22.9567, 25.9626,
41.3380

■ 29.7412, 32.4887,
42.2401

■ 20.2466, 23.1720,
40.9422

■ 33.8590, 36.2491,
42.7489

■ 17.9593, 20.6782,
40.5814

■ 38.4870, 40.3564,
43.2977

■ 16.0677, 18.4659,
40.2541

■ 43.6437, 44.8213,
43.8877

■ 14.5414, 16.5181,
39.9585

■ 49.3466, 49.6539,
44.5200

■ 13.3449, 14.8150,
39.6929

■ 55.6124, 54.8640,
45.1954

■ 12.4159, 13.3232,
39.4539

■ 62.4570, 60.4610,
45.9149

■ 12.2775, 13.0966,
39.4174

■ 69.4516, 66.2248,
46.6588

■ 70.9663, 69.2542,
47.1637

Harmonies

Analogous

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



24.7871, 29.0627, 37.7698



26.1132, 29.0627, 41.7695



27.8987, 29.0627, 42.9474

Triad

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



26.1132, 29.0627, 41.7695



31.3301, 29.0627, 30.8645



25.6578, 29.0627, 23.9511

Complementary

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



26.1132, 29.0627, 41.7695



29.0465, 28.2811, 22.0178

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.



27.3496, 29.0627, 22.5219



26.1132, 29.0627, 41.7695



30.6679, 29.0627, 26.2198

Square

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



26.1132, 29.0627, 41.7695



30.9632, 29.0627, 36.2579



29.1904, 29.0627, 23.3039



24.5325, 29.0627, 27.4398

Rectangle

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



26.1132, 29.0627, 41.7695



29.1226, 29.0627, 41.8747



29.1904, 29.0627, 23.3039



26.1762, 29.0627, 23.2327

Sweetspot

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



26.1141, 29.0639, 41.7702



60.0469, 64.3861, 76.4880



26.7048, 34.2939, 29.4858



12.8527, 13.8211, 16.6425



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.1141, 29.0639, 41.7702



43.1620, 48.5369, 74.3188



22.6884, 22.2126, 40.6283



7.5076, 8.0522, 9.5769



9.2029, 9.8660, 29.3948



0.2706, 0.3335, 0.7307

Inverse Universe

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



28.7862, 24.3449, 32.4612



48.8307, 39.0541, 54.4519



32.8402, 35.8687, 23.2824



7.7208, 7.6182, 8.8470



14.1458, 7.0670, 10.8452



0.3677, 0.1814, 0.3880

Previews

White Background



This preview shows how the XYZ color 26.1132, 29.0627, 41.7695 looks on a white background.

Color Contrast Check

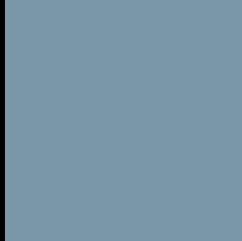
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1132, 29.0627, 41.7695 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

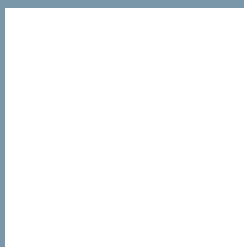
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1132, 29.0627, 41.7695

Background



This preview shows how black text looks on a background with the XYZ color 26.1132, 29.0627, 41.7695.



This preview shows how white text looks on a background with the XYZ color 26.1132, 29.0627,

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

26.1132, 29.0627, 41.7695

Protanopia

28.2446, 28.8071, 39.6690

Deuteranopia

29.5676, 28.9748, 42.5624



Tritanopia

25.6748, 29.1299, 39.3914

Trichromacy



Original Color

26.1132, 29.0627, 41.7695

Protanomaly

27.3083, 28.7715, 40.1905

Deuteranomaly

28.1820, 28.9490, 42.1326

Tritanomaly

25.8569, 29.2027, 40.3503

Monochromacy



Original Color

26.1132, 29.0627, 41.7695

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.3368, 28.4016, 34.2309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1132, 29.0627, 41.7695 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(121, 151, 169)` looks like.

```
.text, #text, p{  
    color:rgb(121, 151, 169)  
}
```

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(121, 151, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 151, 169) }
```

Border

The CSS property to change the border of an element to XYZ 26.1132, 29.0627, 41.7695 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(121, 151, 169) }
```


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

```
.border{ border-color:rgb(121, 151, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 151, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 151, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 151, 169);  
box-shadow:4px 4px 4px 4px rgb(121, 151,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1132, 29.0627, 41.7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 151, 169) }
```

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

```
.background{ background-color: rgb(121,  
151, 169) }
```

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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