

Converting Colors

XYZ(26.7304, 31.8769, 46.4108)

Have a look what the booklet for
XYZ(26.7304, 31.8769, 46.4108)
contains.

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Color

**XYZ(26.6245, 31.7282,
46.3159)**

Conversions

Conversions Part 1

Format	Color
Hex	6AA1B1
RGB	106, 161, 177
RGB Percent	42%, 63%, 69%
CMY	0.5843, 0.3686, 0.3059
CMYK	0.40, 0.09, 0.00, 0.31
HSL	194°, 31%, 55%
HSV	194°, 40%, 69%
XYZ	26.6245, 31.7282, 46.3159
YIQ	146.3790, -37.9160, -6.6840

Conversions

Conversions Part 2

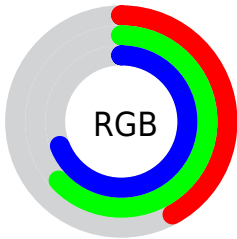
Format	Color
RYB	106, 137, 177
Decimal	6988209
CIELab	63.12, -13.87, -14.00
CIElCh	63, 19.711, 225.273
Yxy	31.7282, 0.2544, 0.3031
Android (android.graphics.Color)	4285178289 (0xFF6AA1B1)
YUV	146.3790, 15.0962, -35.4124
Hunter-Lab	56.3278, -14.2019, -9.3221

Details

The XYZ color **26.6245, 31.7282, 46.3159** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.6931, 24.3073, 16.8686**, and the grayscale version is **27.4290, 28.8574, 31.4257**.

A 20% lighter version of the original color is **53.7611, 62.4685, 86.3149**, and **10.5749, 13.1494, 21.0495** is the 20% darker color. If you saturate the color by 10%, you get **24.0485, 29.3827, 45.9995**, and if you desaturate by 10%, it is **29.6588, 34.3445, 46.6615**.

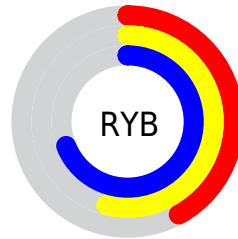
Distribution



Red (42%)

Green (63%)

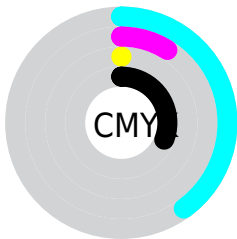
Blue (69%)



Red (42%)

Yellow (54%)

Blue (69%)

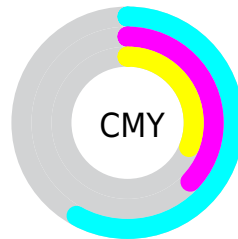


Cyan (40%)

Magenta (9%)

Yellow (0%)

Black (31%)



Cyan (58%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6245, 31.7282, 46.3159 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 26.6245, 31.7282, 46.3159 by changing the saturation by 10% instead.

■ 26.6245, 31.7282,
46.3159

■ 26.6245, 31.7282,
46.3159

278.0352,
309.8792, 388.3916

■ 17.4265, 21.1540,
32.1447

■ 53.7049, 62.3847,
86.0308

■ 10.6363, 13.2366,
21.2063

■ 72.3180, 83.2359,
112.4117

■ 5.8883, 7.5917,
13.0822

■ 94.8002, 108.2814,
143.6994

■ 2.8173, 3.8348,
7.3538

■ 121.5169,
137.9058, 180.3127

■ 1.0579, 1.5816,
3.6025

152.8334,
172.4933, 222.6700

■ 0.0000, 0.3451,
1.4099

189.1150,

■ 0.0000, 0.0000,

212.4285, 271.1899

0.1494

230.7272,
258.0957, 326.2910

■ 0.0000, 0.0000,
0.0000

■ 26.6245, 31.7282,
46.3159

■ 26.6245, 31.7282,
46.3159

■ 24.0485, 29.3827,
45.9995

■ 29.6588, 34.3445,
46.6615

■ 21.9009, 27.2899,
45.7087

■ 33.1733, 37.2409,
47.0353

■ 20.1524, 25.4354,
45.4429

■ 37.1919, 40.4308,
47.4393

■ 18.7688, 23.8010,
45.2004

■ 41.7362, 43.9255,
47.8743

■ 17.7100, 22.3659,
44.9792

■ 46.8262, 47.7358,
48.3415

■ 16.8982, 21.0989,
44.7774

■ 52.4810, 51.8717,
48.8418

■ 58.7189, 56.3430,
49.3760

■ 65.5571, 61.1587,
49.9451

■ 69.1192, 64.3209,
50.3678

Harmonies

Analogous

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



25.3884, 31.7282, 38.6435



26.6245, 31.7282, 46.3159



28.8468, 31.7282, 51.1486

Triad

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



26.6245, 31.7282, 46.3159



35.5019, 31.7282, 38.4952



28.8002, 31.7282, 22.0201

Complementary

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



26.6245, 31.7282, 46.3159



27.6931, 24.3073, 16.8686

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.



31.5056, 31.7282, 21.9928



26.6245, 31.7282, 46.3159



35.4876, 31.7282, 30.7501

Square

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



26.6245, 31.7282, 46.3159



34.0264, 31.7282, 46.1934



33.9883, 31.7282, 24.9619



26.5921, 31.7282, 25.0431

Rectangle

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



26.6245, 31.7282, 46.3159



30.6398, 31.7282, 51.7074



33.9883, 31.7282, 24.9619



29.6787, 31.7282, 21.6771

Sweetspot

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



26.6255, 31.7294, 46.3166



65.0255, 71.1689, 84.8051



25.1415, 35.8990, 23.8176



13.8900, 15.2643, 18.3585



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.



26.6255, 31.7294, 46.3166



43.6215, 53.1395, 82.4532



21.3562, 21.1909, 44.5602



8.5770, 9.3003, 10.8494



12.2901, 15.3805, 32.4580



0.4267, 0.5640, 1.0346

Inverse Universe

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



29.7193, 22.2292, 36.4438



50.0908, 34.4073, 61.5548



32.7709, 34.4629, 18.5612



8.7665, 8.6133, 10.2686



16.4381, 8.0928, 17.9989



0.5374, 0.2627, 0.6728

Previews

White Background



This preview shows how the XYZ color 26.6245, 31.7282, 46.3159 looks on a white background.

Color Contrast Check

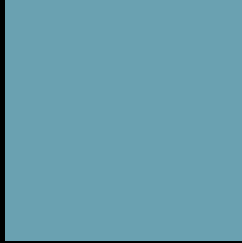
Large Text (above 18pt) WCAG AA × Fail

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 26.6245, 31.7282, 46.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

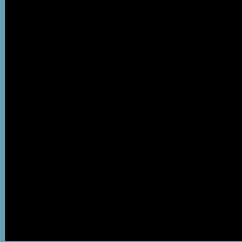
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.6245, 31.7282, 46.3159

Background



This preview shows how black text looks on a background with the XYZ color 26.6245, 31.7282, 46.3159.



This preview shows how white text looks on a background with the XYZ color 26.6245, 31.7282,

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

26.6245, 31.7282, 46.3159

Protanopia

30.8117, 31.4631, 42.9771

Deuteranopia

32.3121, 31.6602, 47.5880



Tritanopia

26.2105, 31.5490, 44.7525

Trichromacy



Original Color

26.6245, 31.7282, 46.3159

Protanomaly

28.9370, 31.4464, 44.0798

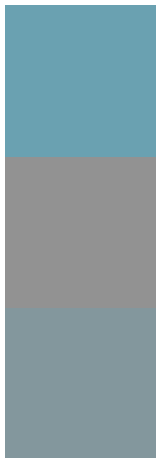
Deuteranomaly

29.8444, 31.3555, 47.1271

Tritanomaly

26.3084, 31.5881, 45.2680

Monochromacy



Original Color

26.6245, 31.7282, 46.3159

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5125, 29.3928, 36.1743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6245, 31.7282, 46.3159 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(106, 161, 177)` looks like.

```
.text, #text, p{  
    color:rgb(106, 161, 177)  
}
```

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(106, 161, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 161, 177) }
```

Border

The CSS property to change the border of an element to XYZ 26.6245, 31.7282, 46.3159 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(106, 161, 177) }
```


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

```
.border{ border-color:rgb(106, 161, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 161, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 161, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 161, 177); box-shadow:4px 4px 4px 4px rgb(106, 161, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6245, 31.7282, 46.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 161, 177) }
```

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

```
.background{ background-color: rgb(106,  
161, 177) }
```

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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