

Converting Colors

XYZ(26.4483, 31.6715, 44.7636)

Have a look what the booklet for
XYZ(26.4483, 31.6715, 44.7636)
contains.

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Color

**XYZ(26.4483, 31.6715,
44.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA1AE
RGB	107, 161, 174
RGB Percent	42%, 63%, 68%
CMY	0.5804, 0.3686, 0.3176
CMYK	0.39, 0.07, 0.00, 0.32
HSL	192°, 29%, 55%
HSV	192°, 39%, 68%
XYZ	26.4483, 31.6715, 44.7636
YIQ	146.3360, -36.3570, -7.4050

Conversions

Conversions Part 2

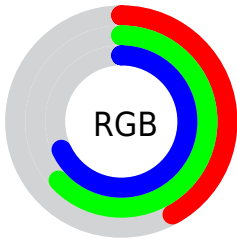
Format	Color
R _{YB}	107, 137, 174
Decimal	7053742
CIE Lab	63.07, -14.39, -12.39
CIE LCh	63, 18.987, 220.717
Yxy	31.6715, 0.2571, 0.3078
Android (android.graphics.Color)	4285243822 (0xFF6BA1AE)
YUV	146.3360, 13.6384, -34.4977
Hunter-Lab	56.2774, -14.5972, -7.7656

Details

The XYZ color **26.4483, 31.6715, 44.7636** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.8265, 23.4938, 17.0318**, and the grayscale version is **27.4167, 28.8445, 31.4117**.

A 20% lighter version of the original color is **53.3967, 62.3459, 83.3484**, and **10.5028, 13.1267, 20.3925** is the 20% darker color. If you saturate the color by 10%, you get **23.9814, 29.5365, 44.4821**, and if you desaturate by 10%, it is **29.3540, 34.0579, 45.0716**.

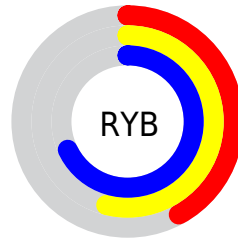
Distribution



Red (42%)

Green (63%)

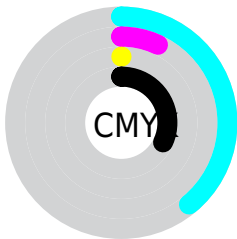
Blue (68%)



Red (42%)

Yellow (54%)

Blue (68%)

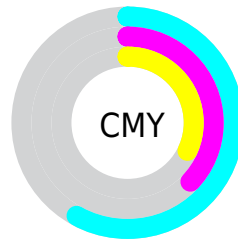


Cyan (39%)

Magenta (7%)

Yellow (0%)

Black (32%)



Cyan (58%)

Magenta (37%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4483, 31.6715, 44.7636 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 26.4483, 31.6715, 44.7636 by changing the saturation by 10% instead.

■ 26.4483, 31.6715,
44.7636

■ 26.4483, 31.6715,
44.7636

277.1924,
309.6201, 381.9475

■ 17.2938, 21.1107,
30.9297

■ 53.4234, 62.2957,
83.6802

■ 10.5408, 13.2050,
20.2873

■ 71.9748, 83.1280,
109.6000

■ 5.8239, 7.5698,
12.4179

■ 94.3890, 108.1529,
140.3855

■ 2.7780, 3.8209,
6.9030

■ 121.0316,
137.7547, 176.4553

■ 1.0375, 1.5739,
3.3240

152.2679,
172.3180, 218.2278

■ 0.0000, 0.3399,
1.2623

188.4632,

■ 0.0000, 0.0000,

212.2270, 266.1216

0.0306

229.9829,
257.8663, 320.5553

■ 0.0000, 0.0000,
0.0000

■ 26.4483, 31.6715,
44.7636

■ 26.4483, 31.6715,
44.7636

■ 23.9814, 29.5365,
44.4821

■ 29.3540, 34.0579,
45.0716

■ 21.9248, 27.6357,
44.2236

■ 32.7191, 36.7041,
45.4050

■ 20.2514, 25.9558,
43.9875

■ 36.5662, 39.6229,
45.7656

■ 18.9291, 24.4799,
43.7723

■ 40.9155, 42.8247,
46.1544

■ 17.9206, 23.1887,
43.5763

■ 45.7862, 46.3197,
46.5723

■ 17.1604, 22.0483,
43.3962

■ 51.1964, 50.1174,
47.0202

■ 17.0537, 21.8832,
43.3700

■ 57.1632, 54.2267,
47.4989

■ 63.7031, 58.6563,
48.0092

■ 67.5950, 61.7459,
48.4004

Harmonies

Analogous

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



25.4252, 31.6715, 37.2342



26.4483, 31.6715, 44.7636



28.4717, 31.6715, 49.9513

Triad

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



26.4483, 31.6715, 44.7636



35.1057, 31.6715, 39.4654



29.1769, 31.6715, 22.1766

Complementary

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



26.4483, 31.6715, 44.7636



26.8265, 23.4938, 17.0318

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.



31.7950, 31.6715, 22.5942



26.4483, 31.6715, 44.7636



35.3216, 31.6715, 31.8744

Square

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



26.4483, 31.6715, 44.7636



33.5054, 31.6715, 46.5992



34.0793, 31.6715, 25.9140



26.9388, 31.6715, 24.6763

Rectangle

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



26.4483, 31.6715, 44.7636



30.1658, 31.6715, 50.9919



34.0793, 31.6715, 25.9140



30.0399, 31.6715, 21.9907

Sweetspot

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



26.4493, 31.6727, 44.7643



63.6346, 69.8490, 82.7652



24.5471, 34.7373, 22.9543



13.9452, 15.3746, 18.3769



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.



26.4493, 31.6727, 44.7643



44.2020, 54.1997, 80.7688



21.4518, 21.6777, 43.0985



8.1023, 8.8040, 10.2250



12.4105, 15.9548, 31.4700



0.3786, 0.5106, 0.8866

Inverse Universe

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



29.1471, 22.0882, 36.4467



49.9157, 34.8681, 62.9360



31.4659, 32.7726, 18.5782



8.2695, 8.1210, 9.7297



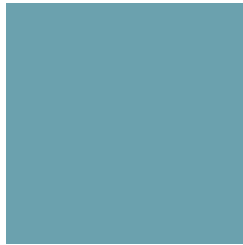
16.1279, 7.9137, 18.8506



0.4655, 0.2269, 0.6131

Previews

White Background



This preview shows how the XYZ color 26.4483, 31.6715, 44.7636 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 26.4483, 31.6715, 44.7636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

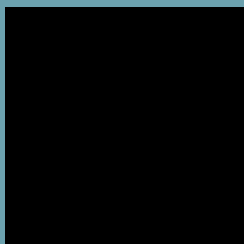
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

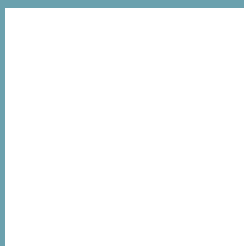
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4483, 31.6715, 44.7636

Background



This preview shows how black text looks on a background with the XYZ color 26.4483, 31.6715, 44.7636.



This preview shows how white text looks on a background with the XYZ color 26.4483, 31.6715,

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

26.4483, 31.6715, 44.7636

Protanopia

30.7122, 31.4444, 41.4965

Deuteranopia

32.0433, 31.3227, 45.9520



Tritanopia

26.4483, 31.6715, 44.7636

Trichromacy



Original Color

26.4483, 31.6715, 44.7636

Protanomaly

28.8086, 31.4133, 42.5752

Deuteranomaly

29.7089, 31.3203, 45.5539

Tritanomaly

26.4483, 31.6715, 44.7636

Monochromacy



Original Color

26.4483, 31.6715, 44.7636

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5831, 29.4391, 35.7337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4483, 31.6715, 44.7636 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(107, 161, 174)` looks like.

```
.text, #text, p{  
    color:rgb(107, 161, 174)  
}
```

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(107, 161, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 161, 174) }
```

Border

The CSS property to change the border of an element to XYZ 26.4483, 31.6715, 44.7636 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(107, 161, 174) }
```


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

```
.border{ border-color:rgb(107, 161, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 161, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 161, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 161, 174);  
box-shadow:4px 4px 4px 4px rgb(107, 161,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4483, 31.6715, 44.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 161, 174) }
```

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

```
.background{ background-color: rgb(107,  
161, 174) }
```

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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