

Converting Colors

XYZ(26.4973, 31.7271, 43.7815)

Have a look what the booklet for
XYZ(26.4973, 31.7271, 43.7815)
contains.

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Color

**XYZ(26.4979, 31.7195,
43.7556)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA1AC
RGB	109, 161, 172
RGB Percent	43%, 63%, 67%
CMY	0.5725, 0.3686, 0.3255
CMYK	0.37, 0.06, 0.00, 0.33
HSL	190°, 28%, 55%
HSV	190°, 37%, 67%
XYZ	26.4979, 31.7195, 43.7556
YIQ	146.7060, -34.5230, -7.6030

Conversions

Conversions Part 2

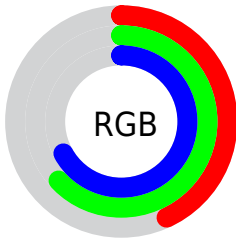
Format	Color
R _{YB}	109, 137, 172
Decimal	7184812
CIE Lab	63.11, -14.36, -11.19
CIE LCh	63, 18.206, 217.934
Yxy	31.7195, 0.2599, 0.3111
Android (android.graphics.Color)	4285374892 (0xFF6DA1AC)
YUV	146.7060, 12.4699, -33.0682
Hunter-Lab	56.3201, -14.5781, -6.6389

Details

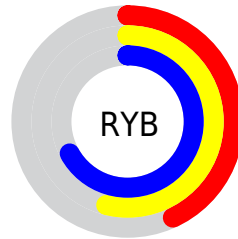
The XYZ color **26.4979, 31.7195, 43.7556** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.4905, 23.3080, 17.5714**, and the grayscale version is **27.5729, 29.0089, 31.5907**.

A 20% lighter version of the original color is **53.5253, 62.4443, 81.9049**, and **10.5461, 13.1632, 19.7542** is the 20% darker color. If you saturate the color by 10%, you get **24.0673, 29.6976, 43.4940**, and if you desaturate by 10%, it is **29.3571, 33.9826, 44.0423**.

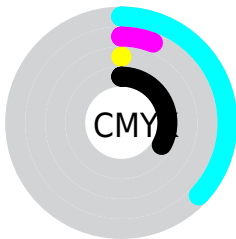
Distribution



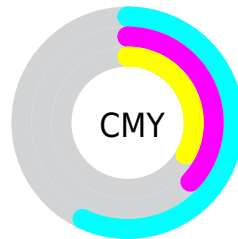
- Red (43%)
- Green (63%)
- Blue (67%)



- Red (43%)
- Yellow (54%)
- Blue (67%)



- Cyan (37%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)



- Cyan (57%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4979, 31.7195, 43.7556 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 26.4979, 31.7195, 43.7556 by changing the saturation by 10% instead.

■ 26.4979, 31.7195,
43.7556

■ 26.4979, 31.7195,
43.7556

277.4298,
309.8395, 377.7221

■ 17.3311, 21.1473,
30.1426

■ 53.5027, 62.3711,
82.1484

■ 10.5676, 13.2317,
19.6939

■ 72.0714, 83.2193,
107.7653

■ 5.8420, 7.5883,
11.9909

■ 94.5048, 108.2617,
138.2206

■ 2.7890, 3.8327,
6.6150

■ 121.1683,
137.8826, 173.9329

■ 1.0432, 1.5804,
3.1477

152.4272,
172.4664, 215.3206

■ 0.0000, 0.3443,
1.1706

188.6468,

■ 0.0000, 0.0000,

212.3976, 262.8024

0.0000

230.1926,
258.0605, 316.7967

■ 26.4979, 31.7195,
43.7556

■ 26.4979, 31.7195,
43.7556

■ 24.0673, 29.6976,
43.4940

■ 29.3571, 33.9826,
44.0423

■ 22.0381, 27.9003,
43.2540

■ 32.6643, 36.4948,
44.3529

■ 20.3843, 26.3151,
43.0352

■ 36.4413, 39.2681,
44.6891

■ 19.0756, 24.9262,
42.8361

■ 40.7076, 42.3127,
45.0519

■ 18.0771, 23.7153,
42.6550

■ 45.4815, 45.6383,
45.4422

■ 17.3396, 22.6569,
42.4896

■ 50.7804, 49.2538,
45.8608

■ 17.1156, 22.3168,
42.4357

■ 56.6209, 53.1680,
46.3085

■ 63.0187, 57.3890,
46.7860

■ 66.6756, 60.2168,
47.1391

Harmonies

Analogous

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



25.6142, 31.7195, 36.4814



26.4979, 31.7195, 43.7556



28.3705, 31.7195, 49.0045

Triad

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



26.4979, 31.7195, 43.7556



34.8487, 31.7195, 39.9975



29.4868, 31.7195, 22.5708

Complementary

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



26.4979, 31.7195, 43.7556



26.4905, 23.3080, 17.5714

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.



31.9992, 31.7195, 23.2406



26.4979, 31.7195, 43.7556



35.1885, 31.7195, 32.6632

Square

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



26.4979, 31.7195, 43.7556



33.2155, 31.7195, 46.6335



34.1197, 31.7195, 26.7139



27.2762, 31.7195, 24.7374

Rectangle

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



26.4979, 31.7195, 43.7556



29.9747, 31.7195, 50.2833



34.1197, 31.7195, 26.7139



30.3229, 31.7195, 22.4781

Sweetspot

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



26.4989, 31.7207, 43.7563



62.8695, 68.8779, 80.7870



24.4197, 34.1008, 22.9064



13.4699, 14.8268, 17.5396



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.4989, 31.7207, 43.7563



44.4159, 54.5184, 78.9879



21.7364, 22.1957, 42.1688



8.1156, 8.8306, 10.2294



12.7722, 16.6783, 31.5906



0.3861, 0.5255, 0.8891

Inverse Universe

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



28.9157, 22.2819, 36.4964



49.5650, 35.2602, 63.3296



30.8408, 32.0087, 19.0215



8.2762, 8.1237, 9.7650



16.3105, 7.9867, 19.8121



0.4693, 0.2284, 0.6329

Previews

White Background



This preview shows how the XYZ color 26.4979, 31.7195, 43.7556 looks on a white background.

Color Contrast Check

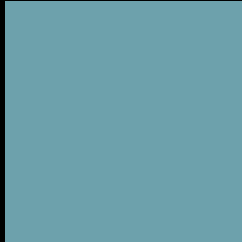
Large Text (above 18pt) WCAG AA × Fail

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 26.4979, 31.7195, 43.7556 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

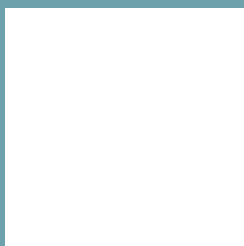
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4979, 31.7195, 43.7556

Background



This preview shows how black text looks on a background with the XYZ color 26.4979, 31.7195, 43.7556.

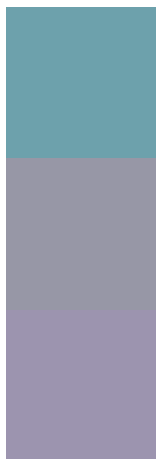


This preview shows how white text looks on a background with the XYZ color 26.4979, 31.7195,

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

26.4979, 31.7195, 43.7556

Protanopia

30.7120, 31.4657, 40.5312

Deuteranopia

32.0381, 31.3429, 44.9186



Tritanopia

26.6915, 31.7969, 44.7750

Trichromacy



Original Color

26.4979, 31.7195, 43.7556

Protanomaly

28.9426, 31.5041, 41.6012

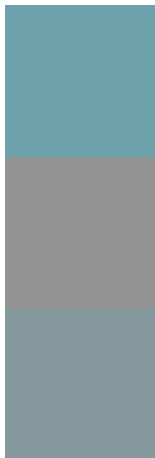
Deuteranomaly

29.6787, 31.3274, 44.5270

Tritanomaly

26.5944, 31.7581, 44.2634

Monochromacy



Original Color

26.4979, 31.7195, 43.7556

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.9019, 29.8433, 35.7949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4979, 31.7195, 43.7556 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(109, 161, 172)` looks like.

```
.text, #text, p{  
    color:rgb(109, 161, 172)  
}
```

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(109, 161, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 161, 172) }
```

Border

The CSS property to change the border of an element to XYZ 26.4979, 31.7195, 43.7556 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(109, 161, 172) }
```


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

```
.border{ border-color:rgb(109, 161, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 161, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 161, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 161, 172);  
box-shadow:4px 4px 4px 4px rgb(109, 161,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4979, 31.7195, 43.7556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 161, 172) }
```

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

```
.background{ background-color: rgb(109,  
161, 172) }
```

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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