

Converting Colors

XYZ(23.6749, 28.6259, 26.3159)

Have a look what the booklet for
XYZ(23.6749, 28.6259, 26.3159)
contains.

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Color

**XYZ(23.6509, 28.6135,
26.4667)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9985
RGB	122, 153, 133
RGB Percent	48%, 60%, 52%
CMY	0.5216, 0.4000, 0.4784
CMYK	0.20, 0.00, 0.13, 0.40
HSL	141°, 13%, 54%
HSV	141°, 20%, 60%
XYZ	23.6509, 28.6135, 26.4667
YIQ	141.4510, -12.0560, -12.7920

Conversions

Conversions Part 2

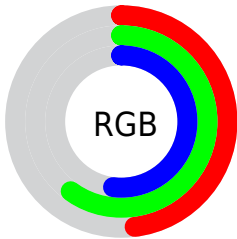
Format	Color
RYB	122, 145, 153
Decimal	8034693
CIELab	60.44, -14.99, 6.97
CIELCh	60, 16.532, 155.050
Yxy	28.6135, 0.3004, 0.3634
Android (android.graphics.Color)	4286224773 (0xFF7A9985)
YUV	141.4510, -4.1663, -17.0585
Hunter-Lab	53.4916, -14.6879, 8.1085

Details

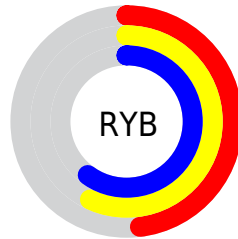
The XYZ color **23.6509, 28.6135, 26.4667** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.9799, 22.6450, 28.6468**, and the grayscale version is **25.5145, 26.8432, 29.2323**.

A 20% lighter version of the original color is **48.8549, 57.2848, 54.9365**, and **9.0993, 11.5593, 10.1391** is the 20% darker color. If you saturate the color by 10%, you get **21.0025, 27.3242, 22.9486**, and if you desaturate by 10%, it is **26.7061, 30.1067, 30.3397**.

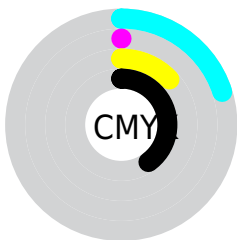
Distribution



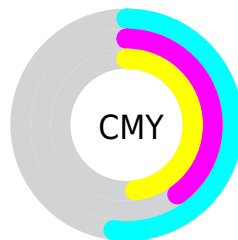
- Red (48%)
- Green (60%)
- Blue (52%)



- Red (48%)
- Yellow (57%)
- Blue (60%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)



- Cyan (52%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6509, 28.6135, 26.4667 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 23.6509, 28.6135, 26.4667 by changing the saturation by 10% instead.

■ 23.6509, 28.6135,
26.4667

■ 23.6509, 28.6135,
26.4667

263.5241,
295.3870, 298.7437

■ 15.1982, 18.7886,
16.9442

■ 48.9188, 57.4624,
55.0202

■ 9.0458, 11.5177,
10.0332

■ 66.4646, 77.2553,
74.8883

■ 4.8284, 6.4162,
5.3151

■ 87.7722, 101.1396,
99.0420

■ 2.1807, 3.0997,
2.3713

113.2069,
129.4998, 127.8998

■ 0.7325, 1.1840,
0.7708

143.1341,
162.7202, 161.8804

■ 0.0000, 0.0486,
0.0000

177.9192,

■ 0.0000, 0.0000,

201.1853, 201.4022

0.0000

217.9274,
245.2794, 246.8838

■ 23.6509, 28.6135,
26.4667

■ 23.6509, 28.6135,
26.4667

■ 21.0025, 27.3242,
22.9486

■ 26.7061, 30.1067,
30.3397

■ 18.7409, 26.2262,
19.7735

■ 30.1823, 31.8086,
34.5753

■ 16.8479, 25.3112,
16.9315

■ 34.0959, 33.7282,
39.1832

■ 15.3026, 24.5688,
14.4117

■ 38.4617, 35.8730,
44.1726

■ 14.0824, 23.9874,
12.2023

■ 43.2939, 38.2500,
49.5518

■ 13.1614, 23.5539,
10.2911

■ 48.6059, 40.8661,
55.3292

■ 12.5097, 23.2533,
8.6647

■ 54.4106, 43.7277,
61.5129

■ 12.0644, 23.0526,
7.3393

■ 60.7206, 46.8411,
68.1107

■ 65.7958, 49.3092,
75.0481

Harmonies

Analogous

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



24.9124, 28.6135, 22.5091



23.6509, 28.6135, 26.4667



23.3189, 28.6135, 32.1986

Triad

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



23.6509, 28.6135, 26.4667



27.5582, 28.6135, 44.3539



30.6872, 28.6135, 24.8956

Complementary

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



23.6509, 28.6135, 26.4667



24.9799, 22.6450, 28.6468

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.



31.4813, 28.6135, 30.1346



23.6509, 28.6135, 26.4667



29.6156, 28.6135, 41.7726

Square

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



23.6509, 28.6135, 26.4667



25.5057, 28.6135, 43.0400



31.0794, 28.6135, 36.3672



28.9599, 28.6135, 21.6884

Rectangle

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



23.6509, 28.6135, 26.4667



23.6536, 28.6135, 36.3876



31.0794, 28.6135, 36.3672



31.0761, 28.6135, 26.4502

Sweetspot

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



23.6517, 28.6147, 26.4673



50.3117, 55.1318, 57.3957



26.0862, 29.9530, 22.8193



11.0309, 12.1352, 12.5775



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.6517, 28.6147, 26.4673



40.2707, 50.2268, 44.6676



24.7913, 29.0705, 32.4682



6.2182, 6.9600, 7.0723



9.9853, 19.0576, 6.1431



0.1655, 0.2914, 0.1774

Inverse Universe

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



24.9799, 22.6450, 28.6468



43.0593, 37.6903, 49.2411



23.9052, 22.2152, 22.9878



6.3681, 6.2864, 7.3185



12.7237, 6.3437, 10.3357



0.2074, 0.1017, 0.2449

Previews

White Background



This preview shows how the XYZ color 23.6509, 28.6135, 26.4667 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 23.6509, 28.6135, 26.4667 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 23.6509, 28.6135, 26.4667

Background



This preview shows how black text looks on a background with the XYZ color 23.6509, 28.6135, 26.4667.

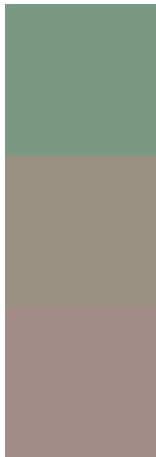


This preview shows how white text looks on a background with the XYZ color 23.6509, 28.6135,

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

23.6509, 28.6135, 26.4667

Protanopia

27.0367, 28.5112, 24.8471

Deuteranopia

28.9263, 28.3203, 27.2343



Tritanopia

25.9329, 28.5801, 37.8679

Trichromacy



Original Color

23.6509, 28.6135, 26.4667

Protanomaly

25.6037, 28.4542, 25.2619

Deuteranomaly

26.7113, 28.2960, 26.9755

Tritanomaly

24.9497, 28.4070, 33.4463

Monochromacy



Original Color

23.6509, 28.6135, 26.4667

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.5444, 27.1541, 27.9924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6509, 28.6135, 26.4667 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(122, 153, 133)` looks like.

```
.text, #text, p{  
    color:rgb(122, 153, 133)  
}
```

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(122, 153, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 153, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.6509, 28.6135, 26.4667 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(122, 153, 133) }
```


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

```
.border{ border-color:rgb(122, 153, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 153, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 153, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 153, 133);  
box-shadow:4px 4px 4px 4px rgb(122, 153,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6509, 28.6135, 26.4667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 153, 133) }
```

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

```
.background{ background-color: rgb(122,  
153, 133) }
```

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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