

Converting Colors

XYZ(23.3653, 26.3461, 34.5801)

Have a look what the booklet for
XYZ(23.3653, 26.3461, 34.5801)
contains.

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Color

**XYZ(23.4293, 26.4354,
34.4395)**

Conversions

Conversions Part 1

Format	Color
Hex	76919A
RGB	118, 145, 154
RGB Percent	46%, 57%, 60%
CMY	0.5372, 0.4314, 0.3961
CMYK	0.23, 0.06, 0.00, 0.40
HSL	195°, 15%, 53%
HSV	195°, 23%, 60%
XYZ	23.4293, 26.4354, 34.4395
YIQ	137.9530, -18.9810, -2.9250

Conversions

Conversions Part 2

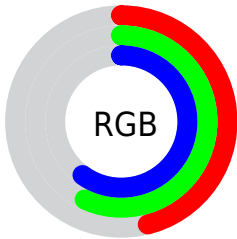
Format	Color
R_{YB}	118, 133, 154
Decimal	7770522
CIE Lab	58.45, -7.39, -7.91
CIE LCh	58, 10.826, 226.937
Yxy	26.4354, 0.2779, 0.3136
Android (android.graphics.Color)	4285960602 (0xFF76919A)
YUV	137.9530, 7.9112, -17.4988
Hunter-Lab	51.4154, -8.6368, -3.7234

Details

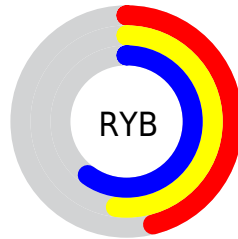
The XYZ color **23.4293, 26.4354, 34.4395** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.1860, 23.3568, 20.3736**, and the grayscale version is **24.1161, 25.3720, 27.6301**.

A 20% lighter version of the original color is **48.6032, 54.0588, 67.5472**, and **8.9946, 10.4289, 14.3709** is the 20% darker color. If you saturate the color by 10%, you get **20.9283, 24.2883, 34.1573**, and if you desaturate by 10%, it is **26.2933, 28.8006, 34.7455**.

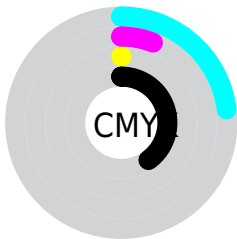
Distribution



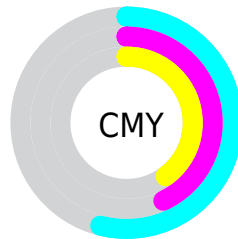
- Red (46%)
- Green (57%)
- Blue (60%)



- Red (46%)
- Yellow (52%)
- Blue (60%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)
- Black (40%)



- Cyan (54%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4293, 26.4354, 34.4395 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 23.4293, 26.4354, 34.4395 by changing the saturation by 10% instead.

■ 23.4293, 26.4354,
34.4395

■ 23.4293, 26.4354,
34.4395

262.4167,
284.9129, 336.9161

■ 15.0333, 17.1496,
22.9514

■ 48.5588, 53.9765,
67.7582

■ 8.9292, 10.3412,
14.3526

■ 66.0229, 73.0007,
90.4259

■ 4.7518, 5.6258,
8.2248

■ 87.2404, 96.0398,
117.6572

■ 2.1356, 2.6189,
4.1493

112.5768,
123.4782, 149.8705

■ 0.7085, 0.9362,
1.7076

142.3972,
155.7003, 187.4846

■ 0.0000, 0.0000,
0.3659

177.0671,

■ 0.0000, 0.0000,

193.0905, 230.9178

0.0000

216.9518,
236.0333, 280.5888

■ 23.4293, 26.4354,
34.4395

■ 23.4293, 26.4354,
34.4395

■ 20.9283, 24.2883,
34.1573

■ 26.2933, 28.8006,
34.7455

■ 18.7711, 22.3471,
33.8963

■ 29.5335, 31.3889,
35.0743

■ 16.9405, 20.6032,
33.6562

■ 33.1654, 34.2093,
35.4273

■ 15.4165, 19.0461,
33.4360

■ 37.2029, 37.2692,
35.8051

■ 14.1771, 17.6641,
33.2346

■ 41.6591, 40.5757,
36.2085

■ 13.1969, 16.4439,
33.0507

■ 46.5466, 44.1355,
36.6380

■ 12.4458, 15.3695,
32.8829

■ 51.8774, 47.9550,
37.0943

■ 12.0217, 14.7109,
32.7781

■ 57.6631, 52.0406,
37.5779

■ 63.3227, 56.0929,
38.0618

Harmonies

Analogous

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



22.7709, 26.4354, 30.9580



23.4293, 26.4354, 34.4395



24.5556, 26.4354, 36.4774

Triad

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



23.4293, 26.4354, 34.4395



27.6857, 26.4354, 30.4614



24.3925, 26.4354, 22.3633

Complementary

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



23.4293, 26.4354, 34.4395



24.1860, 23.3568, 20.3736

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.



25.7053, 26.4354, 22.2558



23.4293, 26.4354, 34.4395



27.6382, 26.4354, 26.7136

Square

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



23.4293, 26.4354, 34.4395



27.0302, 26.4354, 34.0486



26.9028, 26.4354, 23.7836



23.3135, 26.4354, 24.0915

Rectangle

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



23.4293, 26.4354, 34.4395



25.4345, 26.4354, 36.6359



26.9028, 26.4354, 23.7836



24.8202, 26.4354, 22.1421

Sweetspot

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



23.4301, 26.4365, 34.4401



51.3516, 55.2011, 63.4847



22.8190, 28.4799, 24.1692



11.5513, 12.4373, 14.3622



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.4301, 26.4365, 34.4401



40.1254, 45.9519, 62.2911



20.9715, 21.5194, 33.6206



6.2538, 6.7649, 7.9051



9.8235, 12.0437, 26.7146



0.1748, 0.2360, 0.4087

Inverse Universe

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



24.9163, 21.8718, 29.6977



43.3480, 36.3471, 51.9422



26.6308, 28.2464, 21.1886



6.3952, 6.2972, 7.4613



13.4172, 6.6211, 13.9879



0.2147, 0.1046, 0.2835

Previews

White Background



This preview shows how the XYZ color 23.4293, 26.4354, 34.4395 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 23.4293, 26.4354, 34.4395 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

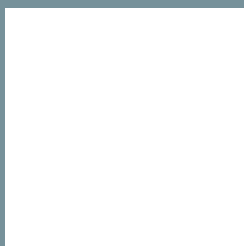
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4293, 26.4354, 34.4395

Background



This preview shows how black text looks on a background with the XYZ color 23.4293, 26.4354, 34.4395.

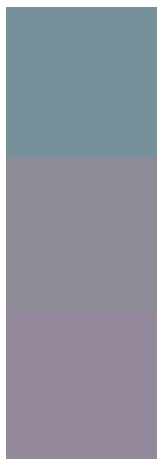


This preview shows how white text looks on a background with the XYZ color 23.4293, 26.4354,

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

23.4293, 26.4354, 34.4395

Protanopia

25.5529, 26.2427, 32.5727

Deuteranopia

26.8375, 26.2117, 35.0974



Tritanopia

23.5974, 26.5026, 35.3243

Trichromacy



Original Color

23.4293, 26.4354, 34.4395

Protanomaly

24.6265, 26.1897, 33.0353

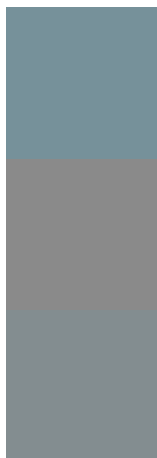
Deuteranomaly

25.3024, 26.0660, 34.7080

Tritanomaly

23.5130, 26.4689, 34.8801

Monochromacy



Original Color

23.4293, 26.4354, 34.4395

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.9190, 25.8887, 30.1219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4293, 26.4354, 34.4395 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(118, 145, 154)` looks like.

```
.text, #text, p{  
    color:rgb(118, 145, 154)  
}
```

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(118, 145, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 145, 154) }
```

Border

The CSS property to change the border of an element to XYZ 23.4293, 26.4354, 34.4395 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(118, 145, 154) }
```


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

```
.border{ border-color:rgb(118, 145, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 145, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 145, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 145, 154);  
box-shadow:4px 4px 4px 4px rgb(118, 145,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4293, 26.4354, 34.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 145, 154) }
```

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

```
.background{ background-color: rgb(118,  
145, 154) }
```

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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