

Converting Colors

XYZ(23.8472, 25.8834, 34.7497)

Have a look what the booklet for
XYZ(23.8472, 25.8834, 34.7497)
contains.

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Color

**XYZ(23.9016, 25.9976,
34.7686)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8E9B
RGB	124, 142, 155
RGB Percent	49%, 56%, 61%
CMY	0.5137, 0.4431, 0.3922
CMYK	0.20, 0.08, 0.00, 0.39
HSL	205°, 13%, 55%
HSV	205°, 20%, 61%
XYZ	23.9016, 25.9976, 34.7686
YIQ	138.1000, -14.9010, 0.2270

Conversions

Conversions Part 2

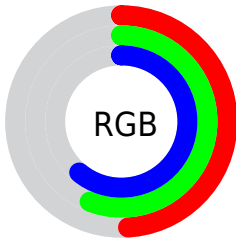
Format	Color
RYB	124, 135, 155
Decimal	8162971
CIELab	58.03, -3.52, -9.06
CIELCh	58, 9.715, 248.766
Yxy	25.9976, 0.2823, 0.3071
Android (android.graphics.Color)	4286353051 (0xFF7C8E9B)
YUV	138.1000, 8.3317, -12.3657
Hunter-Lab	50.9878, -5.5532, -4.7384

Details

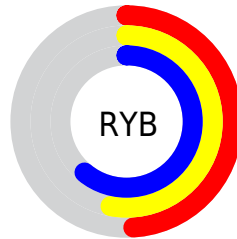
The XYZ color **23.9016, 25.9976, 34.7686** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1017, 26.3153, 22.7732**, and the grayscale version is **24.1695, 25.4282, 27.6913**.

A 20% lighter version of the original color is **49.3800, 53.4304, 68.0321**, and **9.2275, 10.1496, 14.5694** is the 20% darker color. If you saturate the color by 10%, you get **20.8964, 23.0551, 34.3594**, and if you desaturate by 10%, it is **27.3168, 29.2366, 35.2142**.

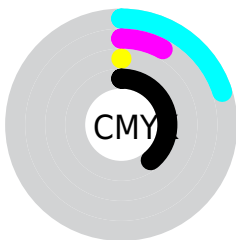
Distribution



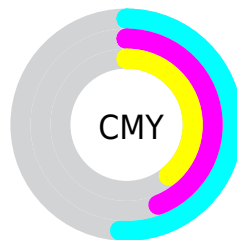
- Red (49%)
- Green (56%)
- Blue (61%)



- Red (49%)
- Yellow (53%)
- Blue (61%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (51%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9016, 25.9976, 34.7686 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 23.9016, 25.9976, 34.7686 by changing the saturation by 10% instead.

■ 23.9016, 25.9976,
34.7686

■ 23.9016, 25.9976,
34.7686

264.7723,
282.7703, 338.4189

■ 15.3850, 16.8218,
23.2026

■ 49.3254, 53.2711,
68.2746

■ 9.1781, 10.1076,
14.5364

■ 66.9633, 72.1376,
91.0517

■ 4.9156, 5.4703,
8.3517

■ 88.3724, 95.0031,
118.4029

■ 2.2321, 2.5258,
4.2298

113.9180,
122.2521, 150.7467

■ 0.7596, 0.8895,
1.7523

143.9654,
154.2689, 188.5016

■ 0.0000, 0.0000,
0.3962

178.8800,

■ 0.0000, 0.0000,

191.4380, 232.0863

0.0000

219.0272,
234.1436, 281.9192

■ 23.9016, 25.9976,
34.7686

■ 23.9016, 25.9976,
34.7686

■ 20.8964, 23.0551,
34.3594

■ 27.3168, 29.2366,
35.2142

■ 18.2817, 20.3954,
33.9839

■ 31.1561, 32.7786,
35.6955

■ 16.0394, 18.0087,
33.6414

■ 35.4354, 36.6339,
36.2141

■ 14.1492, 15.8828,
33.3307

■ 40.1695, 40.8114,
36.7710

■ 12.5887, 14.0047,
33.0504

■ 45.3720, 45.3194,
37.3669

■ 11.3325, 12.3597,
32.7991

■ 51.0562, 50.1660,
38.0028

■ 10.3510, 10.9310,
32.5751

■ 57.2349, 55.3591,
38.6795

■ 9.5733, 9.6803,
32.3746

■ 63.9202, 60.9061,
39.3978

■ 9.5732, 9.6801,
32.3746

■ 67.9260, 65.1657,
40.0089

Harmonies

Analogous

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



22.9918, 25.9976, 32.5496



23.9016, 25.9976, 34.7686



25.0555, 25.9976, 35.1869

Triad

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



23.9016, 25.9976, 34.7686



27.0080, 25.9976, 27.3334



23.3237, 25.9976, 23.5609

Complementary

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



23.9016, 25.9976, 34.7686



26.1017, 26.3153, 22.7732

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.



24.3676, 25.9976, 22.3879



23.9016, 25.9976, 34.7686



26.5116, 25.9976, 24.4500

Square

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



23.9016, 25.9976, 34.7686



26.8737, 25.9976, 30.7128



25.5363, 25.9976, 22.7000



22.6656, 25.9976, 26.0302

Rectangle

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



23.9016, 25.9976, 34.7686



25.8119, 25.9976, 34.3587



25.5363, 25.9976, 22.7000



23.6398, 25.9976, 23.0111

Sweetspot

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



23.9024, 25.9987, 34.7692



51.4982, 54.7559, 63.3910



24.5435, 29.5320, 28.0429



11.5655, 12.3096, 14.3368



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.



23.9024, 25.9987, 34.7692



40.3117, 44.1403, 61.9316



21.7649, 21.7237, 34.0567



6.1674, 6.5921, 7.8763



7.7274, 7.8515, 26.0159



0.1514, 0.1891, 0.4009

Inverse Universe

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



25.6084, 23.3376, 28.7472



43.9752, 38.6393, 48.9518



28.4521, 31.0162, 23.5567



6.3516, 6.2798, 7.2316



12.3592, 6.1979, 8.4166



0.2029, 0.0999, 0.2212

Previews

White Background



This preview shows how the XYZ color 23.9016, 25.9976, 34.7686 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 23.9016, 25.9976, 34.7686 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

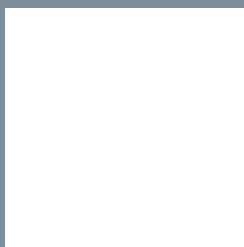
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9016, 25.9976, 34.7686

Background



This preview shows how black text looks on a background with the XYZ color 23.9016, 25.9976, 34.7686.

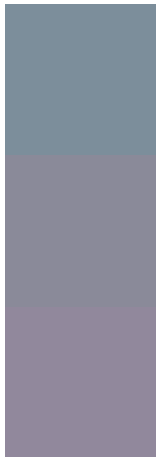


This preview shows how white text looks on a background with the XYZ color 23.9016, 25.9976,

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

23.9016, 25.9976, 34.7686

Protanopia

25.3195, 25.8801, 33.7979

Deuteranopia

26.4820, 26.0284, 35.0807



Tritanopia

23.8179, 25.9642, 34.3281

Trichromacy



Original Color

23.9016, 25.9976, 34.7686

Protanomaly

24.7382, 25.7849, 34.2450

Deuteranomaly

25.4058, 25.8956, 35.1118

Tritanomaly

23.8179, 25.9642, 34.3281

Monochromacy



Original Color

23.9016, 25.9976, 34.7686

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.9395, 25.4654, 30.0391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9016, 25.9976, 34.7686 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(124, 142, 155)` looks like.

```
.text, #text, p{  
    color:rgb(124, 142, 155)  
}
```

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(124, 142, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 142, 155) }
```

Border

The CSS property to change the border of an element to XYZ 23.9016, 25.9976, 34.7686 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(124, 142, 155) }
```


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

```
.border{ border-color:rgb(124, 142, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 142, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 142, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 142, 155);  
box-shadow:4px 4px 4px 4px rgb(124, 142,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9016, 25.9976, 34.7686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 142, 155) }
```

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

```
.background{ background-color: rgb(124,  
142, 155) }
```

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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