

Converting Colors

XYZ(23.4204, 26.3787, 30.3460)

Have a look what the booklet for
XYZ(23.4204, 26.3787, 30.3460)
contains.

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Color

**XYZ(23.3195, 26.2452,
30.2223)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9090
RGB	124, 144, 144
RGB Percent	49%, 56%, 56%
CMY	0.5137, 0.4353, 0.4353
CMYK	0.14, 0.00, 0.00, 0.44
HSL	180°, 8%, 53%
HSV	180°, 14%, 56%
XYZ	23.3195, 26.2452, 30.2223
YIQ	138.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

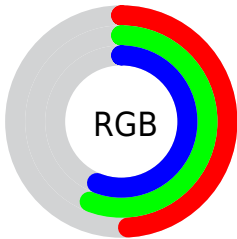
Format	Color
RYB	124, 134, 144
Decimal	8163472
CIELab	58.27, -7.11, -2.41
CIELCh	58, 7.509, 198.739
Yxy	26.2452, 0.2923, 0.3289
Android (android.graphics.Color)	4286353552 (0xFF7C9090)
YUV	138.0200, 2.9481, -12.2955
Hunter-Lab	51.2301, -8.4009, 0.8839

Details

The XYZ color **23.3195, 26.2452, 30.2223** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.3483, 21.8006, 22.1001**, and the grayscale version is **24.1581, 25.4162, 27.6782**.

A 20% lighter version of the original color is **48.5186, 53.8125, 61.2557**, and **8.9247, 10.3094, 12.1092** is the 20% darker color. If you saturate the color by 10%, you get **21.3886, 25.2505, 30.1319**, and if you desaturate by 10%, it is **25.5558, 27.3988, 30.3281**.

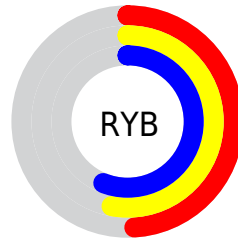
Distribution



Red (49%)

Green (56%)

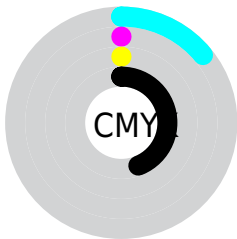
Blue (56%)



Red (49%)

Yellow (53%)

Blue (56%)

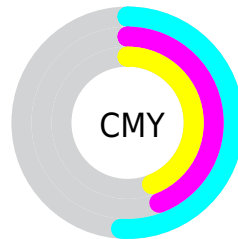


Cyan (14%)

Magenta (0%)

Yellow (0%)

Black (44%)



Cyan (51%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3195, 26.2452, 30.2223 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 23.3195, 26.2452, 30.2223 by changing the saturation by 10% instead.

■ 23.3195, 26.2452,
30.2223

■ 23.3195, 26.2452,
30.2223

261.8666,
283.9837, 317.1788

■ 14.9516, 17.0072,
19.7539

■ 48.3802, 53.6703,
61.0787

■ 8.8715, 10.2396,
12.0340

■ 65.8037, 72.6261,
82.3038

■ 4.7139, 5.5581,
6.6440

■ 86.9765, 95.5899,
107.9515

■ 2.1134, 2.5783,
3.1654

112.2639,
122.9462, 138.4405

■ 0.6965, 0.9158,
1.1797

142.0312,
155.0793, 174.1891

■ 0.0000, 0.0000,
0.0000

176.6439,

192.3737, 215.6160

216.4672,
235.2137, 263.1397

■ 23.3195, 26.2452,
30.2223

■ 23.3195, 26.2452,
30.2223

■ 21.3886, 25.2505,
30.1319

■ 25.5558, 27.3988,
30.3281

■ 19.7478, 24.4047,
30.0545

■ 28.1076, 28.7143,
30.4481

■ 18.3838, 23.7015,
29.9901

■ 30.9874, 30.1988,
30.5835

■ 17.2812, 23.1331,
29.9379

■ 34.2060, 31.8581,
30.7347

■ 16.4235, 22.6909,
29.8972

■ 37.7742, 33.6975,
30.9022

■ 15.7918, 22.3653,
29.8671

■ 41.7019, 35.7223,
31.0866

■ 15.3650, 22.1453,
29.8465

■ 45.9988, 37.9374,
31.2883

■ 15.1171, 22.0175,
29.8343

■ 50.6743, 40.3477,
31.5077

■ 15.0069, 21.9607,
29.8288

■ 55.7373, 42.9578,
31.7452

Harmonies

Analogous

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



23.2629, 26.2452, 27.6060



23.3195, 26.2452, 30.2223



23.8054, 26.2452, 32.5249

Triad

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



23.3195, 26.2452, 30.2223



26.2883, 26.2452, 32.0221



25.2897, 26.2452, 23.9239

Complementary

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



23.3195, 26.2452, 30.2223



22.3483, 21.8006, 22.1001

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.



26.1210, 26.2452, 24.9614



23.3195, 26.2452, 30.2223



26.7069, 26.2452, 29.5697

Square

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



23.3195, 26.2452, 30.2223



25.5135, 26.2452, 33.6069



26.6449, 26.2452, 26.9917



24.3856, 26.2452, 24.0750

Rectangle

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



23.3195, 26.2452, 30.2223



24.3141, 26.2452, 33.5227



26.6449, 26.2452, 26.9917



25.5873, 26.2452, 24.1426

Sweetspot

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



23.3203, 26.2463, 30.2229



44.9914, 48.2810, 53.4855



21.9726, 25.7128, 22.8743



10.2508, 11.0375, 12.2623



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.3203, 26.2463, 30.2229



39.8917, 45.6521, 53.2454



21.9183, 23.4421, 29.7563



5.5603, 6.1163, 6.9162



13.0677, 19.1229, 25.9744



0.1249, 0.1828, 0.2484

Inverse Universe

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



22.3483, 21.8006, 22.1001



37.8003, 36.0860, 35.7670



23.6197, 24.3437, 22.5232



5.4089, 5.4241, 5.6514



10.0159, 5.1634, 0.4691



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 23.3195, 26.2452, 30.2223 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 23.3195, 26.2452, 30.2223 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

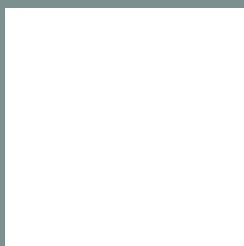
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3195, 26.2452, 30.2223

Background



This preview shows how black text looks on a background with the XYZ color 23.3195, 26.2452, 30.2223.



This preview shows how white text looks on a background with the XYZ color 23.3195, 26.2452,

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

23.3195, 26.2452, 30.2223

Protanopia

25.1957, 26.1391, 28.9167

Deuteranopia

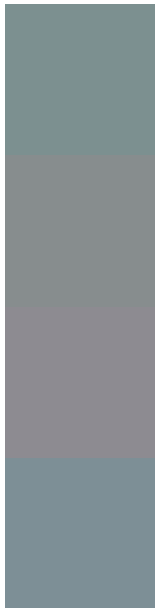
26.7550, 26.2630, 30.8532



Tritanopia

24.1099, 26.1147, 34.3418

Trichromacy



Original Color

23.3195, 26.2452, 30.2223

Protanomaly

24.3990, 26.1536, 29.3534

Deuteranomaly

25.3280, 26.1723, 30.5049

Tritanomaly

23.7849, 26.2069, 32.6590

Monochromacy



Original Color

23.3195, 26.2452, 30.2223

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7846, 25.6362, 28.5056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3195, 26.2452, 30.2223 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, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(124, 144, 144)  
}
```

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, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 144, 144) }
```

Border

The CSS property to change the border of an element to XYZ 23.3195, 26.2452, 30.2223 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, 144, 144) }
```


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

```
.border{ border-color:rgb(124, 144, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(124, 144,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3195, 26.2452, 30.2223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 144, 144) }
```

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

```
.background{ background-color: rgb(124,  
144, 144) }
```

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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