

Converting Colors

XYZ(23.5124, 26.7630, 32.5435)

Have a look what the booklet for
XYZ(23.5124, 26.7630, 32.5435)
contains.

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Color

**XYZ(23.4494, 26.7208,
32.3555)**

Conversions

Conversions Part 1

Format	Color
Hex	789295
RGB	120, 146, 149
RGB Percent	47%, 57%, 58%
CMY	0.5294, 0.4274, 0.4157
CMYK	0.19, 0.02, 0.00, 0.42
HSL	186°, 12%, 53%
HSV	186°, 19%, 58%
XYZ	23.4494, 26.7208, 32.3555
YIQ	138.5680, -16.4590, -4.5790

Conversions

Conversions Part 2

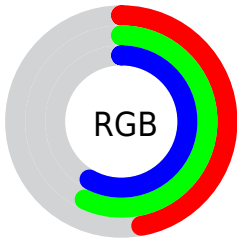
Format	Color
R_{YB}	120, 134, 149
Decimal	7901845
CIE _{Lab}	58.72, -8.45, -4.64
CIE _{LCh}	59, 9.645, 208.781
Yxy	26.7208, 0.2841, 0.3238
Android (android.graphics.Color)	4286091925 (0xFF789295)
YUV	138.5680, 5.1430, -16.2841
Hunter-Lab	51.6922, -9.4874, -0.9267

Details

The XYZ color **23.4494, 26.7208, 32.3555** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8677, 21.9114, 20.7937**, and the grayscale version is **24.3607, 25.6293, 27.9104**.

A 20% lighter version of the original color is **48.6673, 54.5046, 64.4553**, and **8.9860, 10.5872, 13.1252** is the 20% darker color. If you saturate the color by 10%, you get **21.3060, 25.2664, 32.1882**, and if you desaturate by 10%, it is **25.9191, 28.3496, 32.5401**.

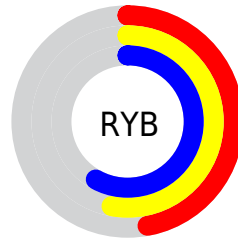
Distribution



Red (47%)

Green (57%)

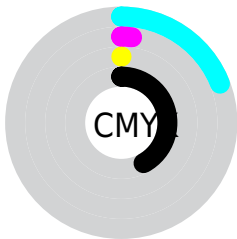
Blue (58%)



Red (47%)

Yellow (53%)

Blue (58%)

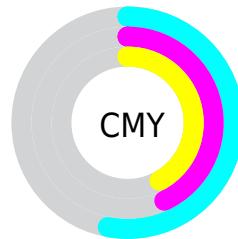


Cyan (19%)

Magenta (2%)

Yellow (0%)

Black (42%)



Cyan (53%)

Magenta (43%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4494, 26.7208, 32.3555 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 23.4494, 26.7208, 32.3555 by changing the saturation by 10% instead.

■ 23.4494, 26.7208,
32.3555

■ 23.4494, 26.7208,
32.3555

262.5173,
286.3027, 327.2780

■ 15.0482, 17.3636,
21.3661

■ 48.5914, 54.4355,
64.4724

■ 8.9398, 10.4941,
13.1980

■ 66.0630, 73.5619,
86.4369

■ 4.7587, 5.7278,
7.4327

■ 87.2887, 96.7134,
112.8969

■ 2.1397, 2.6803,
3.6516

112.6340,
124.2745, 144.2710

■ 0.7107, 0.9672,
1.4363

142.4641,
156.6296, 180.9775

■ 0.0000, 0.0000,
0.1698

177.1445,

■ 0.0000, 0.0000,

194.1631, 223.4352

0.0000

217.0404,
237.2593, 272.0625

■ 23.4494, 26.7208,
32.3555

■ 23.4494, 26.7208,
32.3555

■ 21.3060, 25.2664,
32.1882

■ 25.9191, 28.3496,
32.5401

■ 19.4718, 23.9755,
32.0357

■ 28.7268, 30.1566,
32.7410

■ 17.9315, 22.8407,
31.8978

■ 31.8861, 32.1497,
32.9592

■ 16.6677, 21.8533,
31.7738

■ 35.4096, 34.3353,
33.1953

■ 15.6611, 21.0030,
31.6628

■ 39.3089, 36.7196,
33.4500

■ 14.8899, 20.2788,
31.5636

■ 43.5954, 39.3082,
33.7237

■ 14.3284, 19.6673,
31.4752

■ 48.2797, 42.1068,
34.0170

■ 13.9160, 19.1374,
31.3946

■ 53.3722, 45.1207,
34.3304

■ 13.8946, 19.1094,
31.3904

■ 58.8828, 48.3551,
34.6642

Harmonies

Analogous

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



23.1836, 26.7208, 28.9556



23.4494, 26.7208, 32.3555



24.2329, 26.7208, 35.0485

Triad

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



23.4494, 26.7208, 32.3555



27.3991, 26.7208, 32.6148



25.4459, 26.7208, 23.0378

Complementary

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



23.4494, 26.7208, 32.3555



22.8677, 21.9114, 20.7937

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.



26.5985, 26.7208, 23.8560



23.4494, 26.7208, 32.3555



27.7476, 26.7208, 29.2337

Square

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



23.4494, 26.7208, 32.3555



26.5118, 26.7208, 35.2062



27.4502, 26.7208, 26.0601



24.3145, 26.7208, 23.7343

Rectangle

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



23.4494, 26.7208, 32.3555



24.9559, 26.7208, 35.9868



27.4502, 26.7208, 26.0601



25.8439, 26.7208, 23.1435

Sweetspot

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



23.4502, 26.7219, 32.3561



48.0284, 51.8145, 58.3911



22.0625, 26.9160, 22.7389



10.5819, 11.4428, 12.9358



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.4502, 26.7219, 32.3561



40.3898, 46.7749, 57.8209



21.3681, 22.5577, 31.6621



5.9134, 6.4609, 7.4051



11.7066, 16.1080, 26.4232



0.1551, 0.2209, 0.3274

Inverse Universe

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



24.2998, 21.8983, 30.1415



42.1863, 36.6918, 53.1124



24.7876, 25.7513, 21.4337



6.0098, 5.8990, 7.1575



14.0360, 6.8195, 19.4686



0.1778, 0.0859, 0.2698

Previews

White Background



This preview shows how the XYZ color 23.4494, 26.7208, 32.3555 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 23.4494, 26.7208, 32.3555 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

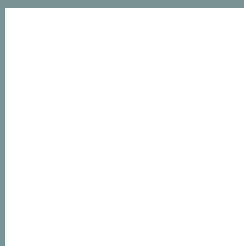
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4494, 26.7208, 32.3555

Background



This preview shows how black text looks on a background with the XYZ color 23.4494, 26.7208, 32.3555.



This preview shows how white text looks on a background with the XYZ color 23.4494, 26.7208,

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

23.4494, 26.7208, 32.3555

Protanopia

25.6442, 26.5513, 30.5614

Deuteranopia

27.1093, 26.6097, 32.9855



Tritanopia

24.0113, 26.7160, 35.3437

Trichromacy



Original Color

23.4494, 26.7208, 32.3555

Protanomaly

24.6928, 26.4897, 31.0057

Deuteranomaly

25.5306, 26.4471, 32.6134

Tritanomaly

23.7603, 26.6157, 34.0220

Monochromacy



Original Color

23.4494, 26.7208, 32.3555

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1466, 26.2347, 29.7777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4494, 26.7208, 32.3555 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(120, 146, 149)` looks like.

```
.text, #text, p{  
    color:rgb(120, 146, 149)  
}
```

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(120, 146, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 146, 149) }
```

Border

The CSS property to change the border of an element to XYZ 23.4494, 26.7208, 32.3555 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(120, 146, 149) }
```


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

```
.border{ border-color:rgb(120, 146, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 146, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 146, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 146, 149);  
box-shadow:4px 4px 4px 4px rgb(120, 146,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4494, 26.7208, 32.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 146, 149) }
```

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

```
.background{ background-color: rgb(120,  
146, 149) }
```

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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