

Converting Colors

XYZ(23.5278, 29.1089, 23.4473)

Have a look what the booklet for
XYZ(23.5278, 29.1089, 23.4473)
contains.

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Color

**XYZ(23.5278, 29.1089,
23.4473)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9B7C
RGB	123, 155, 124
RGB Percent	48%, 61%, 49%
CMY	0.5176, 0.3921, 0.5137
CMYK	0.21, 0.00, 0.20, 0.39
HSL	122°, 14%, 55%
HSV	122°, 21%, 61%
XYZ	23.5278, 29.1089, 23.4473
YIQ	141.8980, -9.1210, -16.4250

Conversions

Conversions Part 2

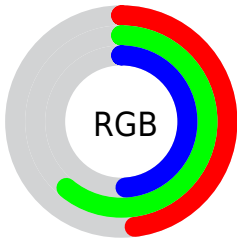
Format	Color
RYB	123, 154, 155
Decimal	8100732
CIELab	60.88, -17.43, 12.67
CIElCh	61, 21.545, 143.982
Yxy	29.1089, 0.3092, 0.3826
Android (android.graphics.Color)	4286290812 (0xFF7B9B7C)
YUV	141.8980, -8.8237, -16.5735
Hunter-Lab	53.9527, -16.5765, 12.0000

Details

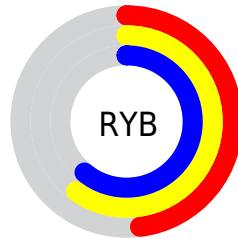
The XYZ color **23.5278, 29.1089, 23.4473** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.4343, 23.4682, 33.7097**, and the grayscale version is **25.7078, 27.0466, 29.4538**.

A 20% lighter version of the original color is **48.8869, 58.4976, 50.3095**, and **9.0444, 11.8645, 8.4700** is the 20% darker color. If you saturate the color by 10%, you get **20.6052, 27.7046, 18.7254**, and if you desaturate by 10%, it is **26.9477, 30.7546, 28.9485**.

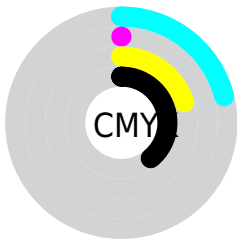
Distribution



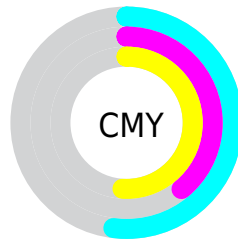
- Red (48%)
- Green (61%)
- Blue (49%)



- Red (48%)
- Yellow (60%)
- Blue (61%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)
- Black (39%)



- Cyan (52%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5278, 29.1089, 23.4473 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 23.5278, 29.1089, 23.4473 by changing the saturation by 10% instead.

■ 23.5278, 29.1089,
23.4473

■ 23.5278, 29.1089,
23.4473

262.9094,
297.7284, 283.2102

■ 15.1065, 19.1632,
14.7157

■ 48.7188, 58.2501,
50.0592

■ 8.9810, 11.7883,
8.4757

■ 66.2193, 78.2143,
68.7767

■ 4.7858, 6.5997,
4.3087

■ 87.4770, 102.2869,
91.6598

■ 2.1556, 3.2130,
1.7962

112.8571,
130.8522, 119.1272

■ 0.7192, 1.2439,
0.4254

142.7250,
164.2946, 151.5974

■ 0.0000, 0.0972,
0.0000

177.4461,

■ 0.0000, 0.0000,

202.9985, 189.4890

0.0000

217.3858,
247.3483, 233.2204

■ 23.5278, 29.1089,
23.4473

■ 23.5278, 29.1089,
23.4473

■ 20.6052, 27.7046,
18.7254

■ 26.9477, 30.7546,
28.9485

■ 18.1546, 26.5268,
14.7459

■ 30.8841, 32.6482,
35.2601

■ 16.1519, 25.5648,
11.4716

■ 35.3580, 34.8009,
42.4136

■ 14.5700, 24.8054,
8.8613

■ 40.3885, 37.2218,
50.4385

■ 13.3790, 24.2342,
6.8697

■ 45.9938, 39.9198,
59.3626

■ 12.5447, 23.8348,
5.4458

■ 52.1915, 42.9031,
69.2127

■ 12.0275, 23.5879,
4.5303

■ 58.9980, 46.1800,
80.0143

■ 11.7485, 23.4545,
4.0471

■ 66.4294, 49.7580,
91.7921

■ 71.0119, 51.9239,
100.8873

Harmonies

Analogous

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



25.5312, 29.1089, 19.5669



23.5278, 29.1089, 23.4473



22.6399, 29.1089, 30.1017

Triad

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



23.5278, 29.1089, 23.4473



27.1052, 29.1089, 49.6830



32.8965, 29.1089, 25.8188

Complementary

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



23.5278, 29.1089, 23.4473



26.4343, 23.4682, 33.7097

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.



33.3884, 29.1089, 33.3429



23.5278, 29.1089, 23.4473



29.9190, 29.1089, 48.0166

Square

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



23.5278, 29.1089, 23.4473



24.6135, 29.1089, 45.9107



32.2655, 29.1089, 41.6794



30.9634, 29.1089, 20.7655

Rectangle

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



23.5278, 29.1089, 23.4473



22.7539, 29.1089, 35.5773



32.2655, 29.1089, 41.6794



33.2411, 29.1089, 28.1052

Sweetspot

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



23.5286, 29.1101, 23.4479



51.3341, 56.5551, 56.7775



28.7132, 31.7902, 23.3619



11.5255, 12.7559, 12.7010



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.



23.5286, 29.1101, 23.4479



39.4923, 50.8599, 37.7264



24.5898, 29.5346, 29.0365



6.1396, 6.9286, 6.6585



9.4387, 18.8389, 3.2647



0.1429, 0.2824, 0.0584

Inverse Universe

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



26.4343, 23.4682, 33.7097



45.7000, 38.8057, 59.6488



25.2228, 22.9836, 27.3300



6.4529, 6.3203, 7.7650



15.2917, 7.3709, 23.8590



0.2308, 0.1111, 0.3685

Previews

White Background



This preview shows how the XYZ color 23.5278, 29.1089, 23.4473 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 23.5278, 29.1089, 23.4473 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 23.5278, 29.1089, 23.4473

Background



This preview shows how black text looks on a background with the XYZ color 23.5278, 29.1089, 23.4473.



This preview shows how white text looks on a background with the XYZ color 23.5278, 29.1089,

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

23.5278, 29.1089, 23.4473

Protanopia

27.1866, 28.8824, 21.9113

Deuteranopia

29.5041, 28.9069, 24.1032



Tritanopia

26.6339, 29.1672, 38.4085

Trichromacy



Original Color

23.5278, 29.1089, 23.4473

Protanomaly

25.5263, 28.7150, 22.2863

Deuteranomaly

26.9937, 28.7395, 23.8632

Tritanomaly

25.3259, 29.1066, 32.3003

Monochromacy



Original Color

23.5278, 29.1089, 23.4473

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.7986, 27.7676, 26.9743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5278, 29.1089, 23.4473 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(123, 155, 124)` looks like.

```
.text, #text, p{  
    color:rgb(123, 155, 124)  
}
```

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(123, 155, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 155, 124) }
```

Border

The CSS property to change the border of an element to XYZ 23.5278, 29.1089, 23.4473 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(123, 155, 124) }
```


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

```
.border{ border-color:rgb(123, 155, 124) }
```

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

Here you see how a box with a 4 pixel rgb(123, 155, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 155, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 155, 124);  
box-shadow:4px 4px 4px 4px rgb(123, 155,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5278, 29.1089, 23.4473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 155, 124) }
```

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

```
.background{ background-color: rgb(123,  
155, 124) }
```

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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