

Converting Colors

XYZ(23.3846, 29.0621, 22.0209)

Have a look what the booklet for
XYZ(23.3846, 29.0621, 22.0209)
contains.

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Color

**XYZ(23.4237, 29.0838,
22.1485)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9B78
RGB	124, 155, 120
RGB Percent	49%, 61%, 47%
CMY	0.5137, 0.3921, 0.5294
CMYK	0.20, 0.00, 0.23, 0.39
HSL	113°, 15%, 54%
HSV	113°, 23%, 61%
XYZ	23.4237, 29.0838, 22.1485
YIQ	141.7410, -7.2410, -17.4570

Conversions

Conversions Part 2

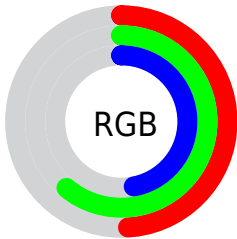
Format	Color
RYB	120, 155, 151
Decimal	8166264
CIELab	60.86, -17.79, 14.89
CIElCh	61, 23.200, 140.084
Yxy	29.0838, 0.3138, 0.3896
Android (android.graphics.Color)	4286356344 (0xFF7C9B78)
YUV	141.7410, -10.7183, -15.5589
Hunter-Lab	53.9294, -16.8467, 13.4005

Details

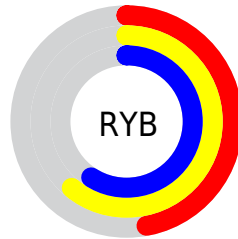
The XYZ color **23.4237, 29.0838, 22.1485** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.3965, 22.3796, 33.9929**, and the grayscale version is **25.6525, 26.9884, 29.3904**.

A 20% lighter version of the original color is **48.6244, 58.4189, 47.7429**, and **8.9117, 11.8114, 7.7714** is the 20% darker color. If you saturate the color by 10%, you get **20.7104, 27.7859, 17.5022**, and if you desaturate by 10%, it is **26.5671, 30.5875, 27.6111**.

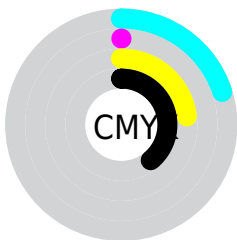
Distribution



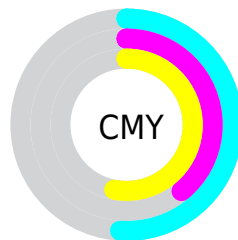
- Red (49%)
- Green (61%)
- Blue (47%)



- Red (47%)
- Yellow (61%)
- Blue (59%)



- Cyan (20%)
- Magenta (0%)
- Yellow (23%)
- Black (39%)



- Cyan (51%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4237, 29.0838, 22.1485 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 23.4237, 29.0838, 22.1485 by changing the saturation by 10% instead.

■ 23.4237, 29.0838,
22.1485

■ 23.4237, 29.0838,
22.1485

262.3887,
297.6101, 276.2996

■ 15.0291, 19.1442,
13.7667

■ 48.5497, 58.2102,
47.8966

■ 8.9263, 11.7745,
7.8217

■ 66.0117, 78.1658,
66.1001

■ 4.7498, 6.5903,
3.8949

■ 87.2270, 102.2289,
88.4144

■ 2.1345, 3.2073,
1.5679

112.5608,
130.7838, 115.2583

■ 0.7079, 1.2409,
0.2677

142.3785,
164.2150, 147.0502

■ 0.0000, 0.0947,
0.0000

177.0455,

■ 0.0000, 0.0000,

202.9069, 184.2087

0.0000

216.9271,
247.2438, 227.1523

■ 23.4237, 29.0838,
22.1485

■ 23.4237, 29.0838,
22.1485

■ 20.7104, 27.7859,
17.5022

■ 26.5671, 30.5875,
27.6111

■ 18.4063, 26.6814,
13.6313

■ 30.1559, 32.3016,
33.9245

■ 16.4920, 25.7620,
10.4940

■ 34.2073, 34.2350,
41.1236

■ 14.9459, 25.0176,
8.0442

■ 38.7370, 36.3952,
49.2408

■ 13.7439, 24.4368,
6.2301

■ 43.7601, 38.7892,
58.3067

■ 12.8593, 24.0073,
4.9930

■ 49.2907, 41.4237,
68.3507

■ 12.2613, 23.7145,
4.2631

■ 55.3425, 44.3053,
79.4009

■ 11.9660, 23.5696,
3.9187

■ 61.9289, 47.4401,
91.4840

■ 68.3286, 50.5405,
100.7617

Harmonies

Analogous

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



25.6964, 29.0838, 18.4735



23.4237, 29.0838, 22.1485



22.3078, 29.0838, 28.8885

Triad

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



23.4237, 29.0838, 22.1485



26.6552, 29.0838, 51.0405



33.4646, 29.0838, 26.2920

Complementary

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



23.4237, 29.0838, 22.1485



25.3965, 22.3796, 33.9929

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.



33.7682, 29.0838, 34.6188



23.4237, 29.0838, 22.1485



29.6861, 29.0838, 49.9988

Square

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



23.4237, 29.0838, 22.1485



24.0816, 29.0838, 46.2147



32.3414, 29.0838, 43.5842



31.5399, 29.0838, 20.5462

Rectangle

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



23.4237, 29.0838, 22.1485



22.3103, 29.0838, 34.6699



32.3414, 29.0838, 43.5842



33.7648, 29.0838, 28.8433

Sweetspot

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



23.4245, 29.0850, 22.1491



50.9750, 56.3999, 55.4092



27.9621, 30.4324, 22.1700



11.4603, 12.7288, 12.4049



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.



23.4245, 29.0850, 22.1491



39.4513, 50.8908, 35.3714



23.7305, 29.1420, 26.7166



6.1945, 6.9577, 6.6223



9.6288, 18.9397, 3.1482



0.1590, 0.2909, 0.0478

Inverse Universe

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



25.3965, 22.3796, 33.9929



43.6049, 36.7573, 60.3329



25.0863, 22.3428, 28.4189



6.3917, 6.2878, 7.8058



13.0967, 6.2026, 25.4147



0.2130, 0.1016, 0.3808

Previews

White Background



This preview shows how the XYZ color 23.4237, 29.0838, 22.1485 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 23.4237, 29.0838, 22.1485 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 23.4237, 29.0838, 22.1485

Background



This preview shows how black text looks on a background with the XYZ color 23.4237, 29.0838, 22.1485.



This preview shows how white text looks on a background with the XYZ color 23.4237, 29.0838,

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

23.4237, 29.0838, 22.1485

Protanopia

27.1416, 28.8866, 20.6682

Deuteranopia

29.4622, 28.9148, 22.7672



Tritanopia

26.5405, 28.8934, 37.8964

Trichromacy



Original Color

23.4237, 29.0838, 22.1485

Protanomaly

25.4599, 28.7085, 21.0290

Deuteranomaly

26.9286, 28.7352, 22.5395

Tritanomaly

25.1570, 28.7977, 31.4267

Monochromacy



Original Color

23.4237, 29.0838, 22.1485

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.7285, 27.7396, 26.6052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4237, 29.0838, 22.1485 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, 155, 120)` looks like.

```
.text, #text, p{  
    color:rgb(124, 155, 120)  
}
```

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, 155, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 155, 120) }
```

Border

The CSS property to change the border of an element to XYZ 23.4237, 29.0838, 22.1485 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, 155, 120) }
```


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

```
.border{ border-color:rgb(124, 155, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 155, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 155, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 155, 120);  
box-shadow:4px 4px 4px 4px rgb(124, 155,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4237, 29.0838, 22.1485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 155, 120) }
```

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

```
.background{ background-color: rgb(124,  
155, 120) }
```

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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