

Converting Colors

XYZ(24.4456, 29.1195, 6.5981)

Have a look what the booklet for
XYZ(24.4456, 29.1195, 6.5981)
contains.

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Color

**XYZ(24.4268, 29.2102,
6.6362)**

Conversions

Conversions Part 1

Format	Color
Hex	97982B
RGB	151, 152, 43
RGB Percent	59%, 60%, 17%
CMY	0.4078, 0.4039, 0.8314
CMYK	0.01, 0.00, 0.72, 0.40
HSL	61°, 56%, 38%
HSV	61°, 72%, 60%
XYZ	24.4268, 29.2102, 6.6362
YIQ	139.2750, 34.3930, -34.1110

Conversions

Conversions Part 2

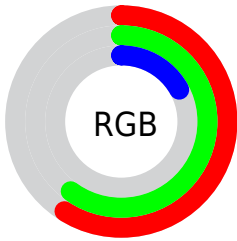
Format	Color
RYB	43, 152, 44
Decimal	9934891
CIELab	60.97, -13.86, 53.99
CIELCh	61, 55.744, 104.398
Yxy	29.2102, 0.4053, 0.4846
Android (android.graphics.Color)	4288124971 (0xFF97982B)
YUV	139.2750, -47.4636, 10.2828
Hunter-Lab	54.0465, -13.9066, 30.5525

Details

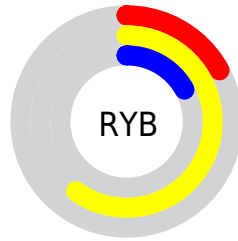
The XYZ color **24.4268, 29.2102, 6.6362** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.5709, 4.5308, 30.1831**, and the grayscale version is **24.8155, 26.1079, 28.4315**.

A 20% lighter version of the original color is **50.1951, 58.3970, 19.6925**, and **9.5834, 11.8487, 1.7819** is the 20% darker color. If you saturate the color by 10%, you get **24.1726, 29.1066, 5.4304**, and if you desaturate by 10%, it is **24.7863, 29.3581, 8.3906**.

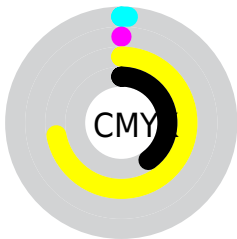
Distribution



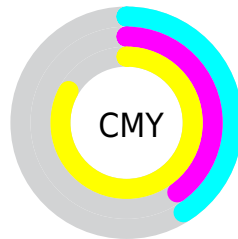
- Red (59%)
- Green (60%)
- Blue (17%)



- Red (17%)
- Yellow (60%)
- Blue (17%)



- Cyan (1%)
- Magenta (0%)
- Yellow (72%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4268, 29.2102, 6.6362 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 24.4268, 29.2102, 6.6362 by changing the saturation by 10% instead.

■ 24.4268, 29.2102,
6.6362

■ 24.4268, 29.2102,
6.6362

267.3718,
298.2055, 174.1202

■ 15.7770, 19.2399,
3.1607

■ 50.1754, 58.4109,
19.7378

■ 9.4563, 11.8437,
1.1772

■ 68.0049, 78.4101,
30.2009

■ 5.0995, 6.6374,
0.0000

■ 89.6250, 102.5210,
43.8303

■ 2.3411, 3.2364,
0.0000

■ 115.4010,
131.1280, 61.0445

■ 0.8156, 1.2563,
0.0000

■ 145.6984,
164.6156, 82.2620

■ 0.0000, 0.1070,
0.0000

■ 180.8824,

■ 0.0000, 0.0000,

203.3681, 107.9015

0.0000

221.3184,
247.7699, 138.3814

■ 24.4268, 29.2102,
6.6362

■ 24.4268, 29.2102,
6.6362

■ 24.1726, 29.1066,
5.4304

■ 24.7863, 29.3581,
8.3906

■ 24.0095, 29.0384,
4.7070

■ 25.2595, 29.5504,
10.7464

■ 23.9179, 28.9993,
4.3368

■ 25.8561, 29.7920,
13.7522

■ 26.5844, 30.0864,
17.4511

■ 27.4519, 30.4364,
21.8826

■ 28.4654, 30.8448,
27.0832

■ 29.6315, 31.3143,
33.0869

■ 30.9562, 31.8472,
39.9257

■ 32.4452, 32.4458,
47.6300

Harmonies

Analogous

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



31.7002, 29.2102, 6.7132



24.4268, 29.2102, 6.6362



19.0778, 29.2102, 10.9024

Triad

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



24.4268, 29.2102, 6.6362



18.9163, 29.2102, 68.8965



43.5422, 29.2102, 43.8488

Complementary

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



24.4268, 29.2102, 6.6362



7.5709, 4.5308, 30.1831

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.



38.7512, 29.2102, 69.8985



24.4268, 29.2102, 6.6362



24.1669, 29.2102, 88.1352

Square

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



24.4268, 29.2102, 6.6362



16.2943, 29.2102, 42.8487



31.3908, 29.2102, 88.5660



43.6450, 29.2102, 22.8433

Rectangle

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



24.4268, 29.2102, 6.6362



16.9582, 29.2102, 17.4388



31.3908, 29.2102, 88.5660



42.3937, 29.2102, 52.4590

Sweetspot

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



24.4275, 29.2116, 6.6368



48.3338, 53.6722, 38.0156



14.2498, 8.5783, 3.1906



10.8957, 12.1627, 8.1803



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.4275, 29.2116, 6.6368



42.4750, 51.2940, 8.7289



16.6487, 25.2014, 6.2728



6.7033, 7.2200, 6.6461



20.0550, 24.3146, 3.6362



0.3014, 0.3643, 0.0544

Inverse Universe

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



7.5709, 4.5308, 30.1831



10.9149, 5.0698, 52.8370



11.5155, 6.5643, 30.3677



5.8895, 6.0289, 7.7823



4.7683, 1.9092, 25.0249



0.0725, 0.0292, 0.3742

Previews

White Background



This preview shows how the XYZ color 24.4268, 29.2102, 6.6362 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 24.4268, 29.2102, 6.6362 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 24.4268, 29.2102, 6.6362

Background



This preview shows how black text looks on a background with the XYZ color 24.4268, 29.2102, 6.6362.



This preview shows how white text looks on a background with the XYZ color 24.4268, 29.2102,

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

24.4268, 29.2102, 6.6362

Protanopia

26.3687, 29.0339, 6.4048

Deuteranopia

29.6787, 29.1599, 6.8605



Tritanopia

30.1207, 29.2230, 34.1901

Trichromacy



Original Color

24.4268, 29.2102, 6.6362

Protanomaly

25.6626, 29.1356, 6.4617

Deuteranomaly

27.4797, 28.9144, 6.7175

Tritanomaly

27.1641, 28.9181, 19.7728

Monochromacy



Original Color

24.4268, 29.2102, 6.6362

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.7996, 26.7856, 17.0125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4268, 29.2102, 6.6362 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(151, 152, 43)` looks like.

```
.text, #text, p{  
    color:rgb(151, 152, 43)  
}
```

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(151, 152, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 152, 43) }
```

Border

The CSS property to change the border of an element to XYZ 24.4268, 29.2102, 6.6362 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(151, 152, 43) }
```


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

```
.border{ border-color:rgb(151, 152, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 152, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 152, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 152, 43);  
box-shadow:4px 4px 4px 4px rgb(151, 152,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4268, 29.2102, 6.6362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 152, 43) }
```

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

```
.background{ background-color: rgb(151,  
152, 43) }
```

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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