

Converting Colors

XYZ(24.2737, 29.2649, 11.2958)

Have a look what the booklet for
XYZ(24.2737, 29.2649, 11.2958)
contains.

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Color

**XYZ(24.1973, 29.2336,
11.2048)**

Conversions

Conversions Part 1

Format	Color
Hex	90994C
RGB	144, 153, 76
RGB Percent	56%, 60%, 30%
CMY	0.4353, 0.4000, 0.7020
CMYK	0.06, 0.00, 0.50, 0.40
HSL	67°, 34%, 45%
HSV	67°, 50%, 60%
XYZ	24.1973, 29.2336, 11.2048
YIQ	141.5310, 19.3530, -25.8550

Conversions

Conversions Part 2

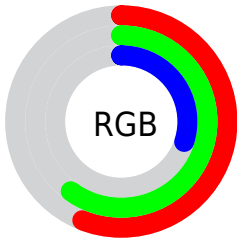
Format	Color
R_{YB}	76, 153, 85
Decimal	9476428
CIE _{Lab}	60.99, -14.95, 39.01
CIE _{LCh}	61, 41.780, 110.965
Yxy	29.2336, 0.3744, 0.4523
Android (android.graphics.Color)	4287666508 (0xFF90994C)
YUV	141.5310, -32.3068, 2.1653
Hunter-Lab	54.0681, -14.7344, 25.5607

Details

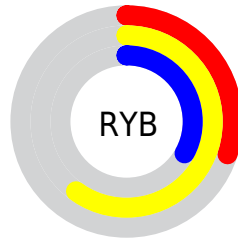
The XYZ color **24.1973, 29.2336, 11.2048** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.0817, 9.4009, 31.3166**, and the grayscale version is **25.6446, 26.9802, 29.3814**.

A 20% lighter version of the original color is **49.6968, 58.3001, 28.7124**, and **9.3628, 11.8572, 2.8321** is the 20% darker color. If you saturate the color by 10%, you get **23.4176, 28.8870, 8.7144**, and if you desaturate by 10%, it is **25.1099, 29.6361, 14.3630**.

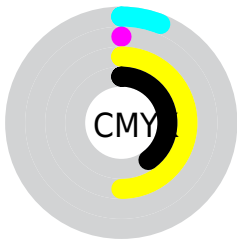
Distribution



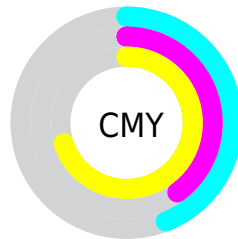
- Red (56%)
- Green (60%)
- Blue (30%)



- Red (30%)
- Yellow (60%)
- Blue (33%)



- Cyan (6%)
- Magenta (0%)
- Yellow (50%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1973, 29.2336, 11.2048 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 24.1973, 29.2336, 11.2048 by changing the saturation by 10% instead.

■ 24.1973, 29.2336,
11.2048

■ 24.1973, 29.2336,
11.2048

266.2384,
298.3156, 209.8549

■ 15.6056, 19.2576,
6.0889

■ 49.8043, 58.4480,
28.6807

■ 9.3346, 11.8566,
2.8295

■ 67.5503, 78.4552,
41.8777

■ 5.0189, 6.6461,
1.0083

■ 89.0784, 102.5750,
58.6055

■ 2.2932, 3.2418,
0.0000

■ 114.7540,
131.1917, 79.2826

■ 0.7912, 1.2592,
0.0000

■ 144.9425,
164.6897, 104.3275

■ 0.0000, 0.1093,
0.0000

180.0091,

■ 0.0000, 0.0000,

203.4534, 134.1589

0.0000

220.3193,
247.8672, 169.1951

■ 24.1973, 29.2336,
11.2048

■ 24.1973, 29.2336,
11.2048

■ 23.4176, 28.8870,
8.7144

■ 25.1099, 29.6361,
14.3630

■ 22.7596, 28.5885,
6.8419

■ 26.1615, 30.0937,
18.2305

■ 22.2136, 28.3354,
5.5336

■ 27.3603, 30.6108,
22.8474

■ 21.7674, 28.1228,
4.7255

■ 28.7135, 31.1902,
28.2506

■ 21.4015, 27.9440,
4.2658

■ 30.2275, 31.8344,
34.4743

■ 31.9084, 32.5461,
41.5508

■ 33.7621, 33.3275,
49.5106

■ 35.7942, 34.1808,
58.3827

■ 38.0098, 35.1081,
68.1949

Harmonies

Analogous

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



29.4666, 29.2336, 10.4179



24.1973, 29.2336, 11.2048



20.4049, 29.2336, 16.4054

Triad

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



24.1973, 29.2336, 11.2048



21.6862, 29.2336, 61.3502



39.4924, 29.2336, 36.7878

Complementary

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



24.1973, 29.2336, 11.2048



12.0817, 9.4009, 31.3166

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.



36.7608, 29.2336, 54.7604



24.1973, 29.2336, 11.2048



26.1699, 29.2336, 71.6972

Square

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



24.1973, 29.2336, 11.2048



19.0926, 29.2336, 43.8409



31.7123, 29.2336, 68.9548



38.7831, 29.2336, 22.2421

Rectangle

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



24.1973, 29.2336, 11.2048



18.9986, 29.2336, 22.9994



31.7123, 29.2336, 68.9548



38.9342, 29.2336, 42.6742

Sweetspot

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



24.1980, 29.2349, 11.2054



50.1800, 55.3248, 45.6021



17.6896, 13.7893, 8.5671



10.9783, 12.1726, 9.6639



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.



24.1980, 29.2349, 11.2054



41.8263, 51.6809, 15.2754



18.5834, 26.3405, 10.9427



6.6378, 7.1862, 6.6431



17.7050, 23.1031, 3.5262



0.2822, 0.3544, 0.0535

Inverse Universe

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



12.0817, 9.4009, 31.3166



17.7004, 12.1461, 55.3835



16.5729, 11.7162, 31.5268



5.9483, 6.0592, 7.7850



4.9727, 2.0146, 25.0345



0.0897, 0.0380, 0.3750

Previews

White Background



This preview shows how the XYZ color 24.1973, 29.2336, 11.2048 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 24.1973, 29.2336, 11.2048 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 24.1973, 29.2336, 11.2048

Background



This preview shows how black text looks on a background with the XYZ color 24.1973, 29.2336, 11.2048.



This preview shows how white text looks on a background with the XYZ color 24.1973, 29.2336,

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

24.1973, 29.2336, 11.2048

Protanopia

26.5700, 29.0432, 10.6841

Deuteranopia

29.6118, 29.0240, 11.4386



Tritanopia

29.1109, 29.1191, 35.5387

Trichromacy



Original Color

24.1973, 29.2336, 11.2048

Protanomaly

25.5350, 28.9715, 10.9028

Deuteranomaly

27.4369, 29.0163, 11.3624

Tritanomaly

26.8422, 28.8838, 24.2391

Monochromacy



Original Color

24.1973, 29.2336, 11.2048

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.8766, 27.7054, 21.1761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1973, 29.2336, 11.2048 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(144, 153, 76)` looks like.

```
.text, #text, p{  
    color:rgb(144, 153, 76)  
}
```

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(144, 153, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 153, 76) }
```

Border

The CSS property to change the border of an element to XYZ 24.1973, 29.2336, 11.2048 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(144, 153, 76) }
```


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

```
.border{ border-color:rgb(144, 153, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 153, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 153, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 153, 76);  
box-shadow:4px 4px 4px 4px rgb(144, 153,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1973, 29.2336, 11.2048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 153, 76) }
```

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

```
.background{ background-color: rgb(144,  
153, 76) }
```

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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