

Converting Colors

XYZ(24.1730, 28.6429, 30.7522)

Have a look what the booklet for
XYZ(24.1730, 28.6429, 30.7522)
contains.

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Color

**XYZ(24.1474, 28.5350,
30.6207)**

Conversions

Conversions Part 1

Format	Color
Hex	799890
RGB	121, 152, 144
RGB Percent	47%, 60%, 56%
CMY	0.5255, 0.4039, 0.4353
CMYK	0.20, 0.00, 0.05, 0.40
HSL	165°, 13%, 54%
HSV	165°, 20%, 60%
XYZ	24.1474, 28.5350, 30.6207
YIQ	141.8190, -15.9080, -9.0600

Conversions

Conversions Part 2

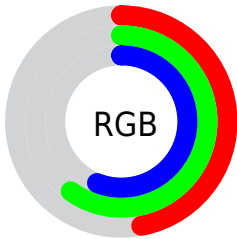
Format	Color
RYB	121, 139, 152
Decimal	7968912
CIELab	60.37, -12.50, 0.64
CIElCh	60, 12.518, 177.081
Yxy	28.5350, 0.2899, 0.3425
Android (android.graphics.Color)	4286158992 (0xFF799890)
YUV	141.8190, 1.0752, -18.2583
Hunter-Lab	53.4182, -12.7918, 3.4061

Details

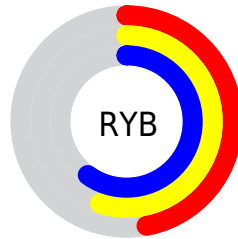
The XYZ color **24.1474, 28.5350, 30.6207** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.7497, 21.9358, 23.7523**, and the grayscale version is **25.6406, 26.9759, 29.3768**.

A 20% lighter version of the original color is **49.7199, 57.2185, 61.8498**, and **9.3465, 11.4932, 12.3155** is the 20% darker color. If you saturate the color by 10%, you get **21.8883, 27.4052, 28.9772**, and if you desaturate by 10%, it is **26.7542, 29.8444, 32.3361**.

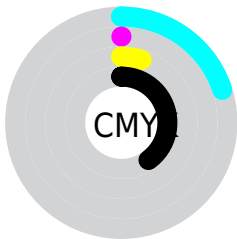
Distribution



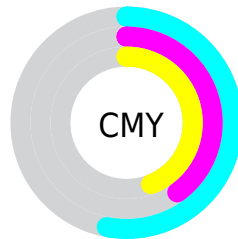
- Red (47%)
- Green (60%)
- Blue (56%)



- Red (47%)
- Yellow (55%)
- Blue (60%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (53%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1474, 28.5350, 30.6207 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 24.1474, 28.5350, 30.6207 by changing the saturation by 10% instead.

■ 24.1474, 28.5350,
30.6207

■ 24.1474, 28.5350,
30.6207

265.9915,
295.0146, 319.0840

■ 15.5683, 18.7293,
20.0542

■ 49.7236, 57.3375,
61.7150

■ 9.3081, 11.4749,
12.2499

■ 67.4513, 77.1031,
83.0798

■ 5.0014, 6.3872,
6.7895

■ 88.9594, 100.9574,
108.8811

■ 2.2829, 3.0819,
3.2544

114.6131,
129.2850, 139.5374

■ 0.7859, 1.1747,
1.2259

144.7778,
162.4700, 175.4673

■ 0.0000, 0.0409,
0.0000

179.8189,

■ 0.0000, 0.0000,

200.8971, 217.0894

0.0000

220.1017,
244.9505, 264.8221

■ 24.1474, 28.5350,
30.6207

■ 24.1474, 28.5350,
30.6207

■ 21.8883, 27.4052,
28.9772

■ 26.7542, 29.8444,
32.3361

■ 19.9588, 26.4434,
27.4023

■ 29.7210, 31.3373,
34.1228

■ 18.3425, 25.6418,
25.8954

■ 33.0626, 33.0223,
35.9824

■ 17.0209, 24.9910,
24.4551

■ 36.7920, 34.9059,
37.9162

■ 15.9734, 24.4804,
23.0798

■ 40.9218, 36.9947,
39.9252

■ 15.1766, 24.0978,
21.7678

■ 45.4639, 39.2948,
42.0106

■ 14.6030, 23.8292,
20.5173

■ 50.4298, 41.8121,
44.1733

■ 14.1964, 23.6446,
19.3705

■ 55.8303, 44.5522,
46.4144

■ 60.6370, 46.9848,
48.6862

Harmonies

Analogous

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



24.6063, 28.5350, 26.4985



24.1474, 28.5350, 30.6207



24.4590, 28.5350, 35.2811

Triad

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



24.1474, 28.5350, 30.6207



28.5548, 28.5350, 39.6463



28.8382, 28.5350, 24.2090

Complementary

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



24.1474, 28.5350, 30.6207



23.7497, 21.9358, 23.7523

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.



29.9709, 28.5350, 27.2077



24.1474, 28.5350, 30.6207



29.8028, 28.5350, 36.1386

Square

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



24.1474, 28.5350, 30.6207



26.9644, 28.5350, 40.7865



30.3306, 28.5350, 31.5232



27.2795, 28.5350, 23.0335

Rectangle

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



24.1474, 28.5350, 30.6207



25.0688, 28.5350, 38.0214



30.3306, 28.5350, 31.5232



29.2837, 28.5350, 25.0217

Sweetspot

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



24.1482, 28.5362, 30.6213



49.3829, 53.7628, 58.4076



23.7741, 28.5262, 22.3426



11.1554, 12.1850, 13.2336



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.



24.1482, 28.5362, 30.6213



40.9260, 49.5173, 52.8509



23.6433, 26.5125, 33.5784



6.3165, 6.9993, 7.5899



11.9159, 19.8298, 16.3096



0.1926, 0.3022, 0.3198

Inverse Universe

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



23.7497, 21.9358, 23.7523



40.1067, 35.9362, 38.7210



24.1506, 23.5559, 21.3634



6.2710, 6.2476, 6.8071



11.1789, 5.7258, 2.2011



0.1803, 0.0909, 0.1025

Previews

White Background



This preview shows how the XYZ color 24.1474, 28.5350, 30.6207 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 24.1474, 28.5350, 30.6207 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 24.1474, 28.5350, 30.6207

Background



This preview shows how black text looks on a background with the XYZ color 24.1474, 28.5350, 30.6207.

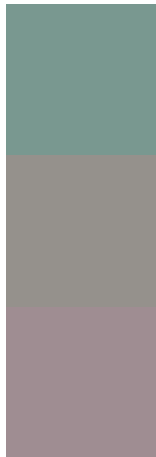


This preview shows how white text looks on a background with the XYZ color 24.1474, 28.5350,

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

24.1474, 28.5350, 30.6207

Protanopia

27.2534, 28.5338, 28.8821

Deuteranopia

29.0113, 28.4960, 31.1653



Tritanopia

25.4926, 28.3532, 37.8473

Trichromacy



Original Color

24.1474, 28.5350, 30.6207

Protanomaly

26.0451, 28.5919, 29.3454

Deuteranomaly

26.9133, 28.3149, 30.8349

Tritanomaly

24.9911, 28.3902, 35.1730

Monochromacy



Original Color

24.1474, 28.5350, 30.6207

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.0683, 27.6093, 29.9945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1474, 28.5350, 30.6207 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(121, 152, 144)` looks like.

```
.text, #text, p{  
    color:rgb(121, 152, 144)  
}
```

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(121, 152, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 152, 144) }
```

Border

The CSS property to change the border of an element to XYZ 24.1474, 28.5350, 30.6207 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(121, 152, 144) }
```


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

```
.border{ border-color:rgb(121, 152, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 152, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 152, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 152, 144); box-shadow:4px 4px 4px 4px rgb(121, 152, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1474, 28.5350, 30.6207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 152, 144) }
```

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

```
.background{ background-color: rgb(121,  
152, 144) }
```

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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