

Converting Colors

XYZ(24.0229, 30.6819, 28.7612)

Have a look what the booklet for
XYZ(24.0229, 30.6819, 28.7612)
contains.

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Color

**XYZ(24.0144, 30.7695,
28.7182)**

Conversions

Conversions Part 1

Format	Color
Hex	70A18A
RGB	112, 161, 138
RGB Percent	44%, 63%, 54%
CMY	0.5608, 0.3686, 0.4588
CMYK	0.30, 0.00, 0.14, 0.37
HSL	152°, 21%, 54%
HSV	152°, 30%, 63%
XYZ	24.0144, 30.7695, 28.7182
YIQ	143.7270, -21.8210, -17.5410

Conversions

Conversions Part 2

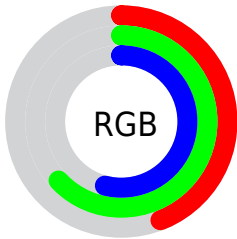
Format	Color
RYB	112, 144, 161
Decimal	7381386
CIELab	62.31, -21.46, 6.76
CIElCh	62, 22.501, 162.516
Yxy	30.7695, 0.2876, 0.3685
Android (android.graphics.Color)	4285571466 (0xFF70A18A)
YUV	143.7270, -2.8234, -27.8246
Hunter-Lab	55.4703, -19.7961, 8.1334

Details

The XYZ color **24.0144, 30.7695, 28.7182** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.8663, 20.9154, 25.6493**, and the grayscale version is **26.4174, 27.7932, 30.2668**.

A 20% lighter version of the original color is **49.4769, 60.8727, 58.4321**, and **9.2167, 12.6660, 11.1915** is the 20% darker color. If you saturate the color by 10%, you get **21.6180, 29.5960, 25.8488**, and if you desaturate by 10%, it is **26.8169, 32.1496, 31.8067**.

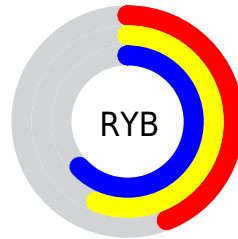
Distribution



Red (44%)

Green (63%)

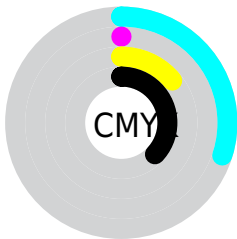
Blue (54%)



Red (44%)

Yellow (56%)

Blue (63%)

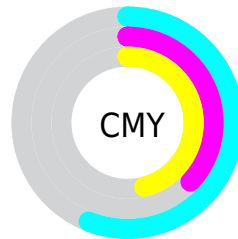


Cyan (30%)

Magenta (0%)

Yellow (14%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0144, 30.7695, 28.7182 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 24.0144, 30.7695, 28.7182 by changing the saturation by 10% instead.

■ 24.0144, 30.7695,
28.7182

■ 24.0144, 30.7695,
28.7182

265.3324,
305.4750, 309.9022

■ 15.4691, 20.4234,
18.6240

■ 49.5082, 60.8770,
58.6659

■ 9.2377, 12.7032,
11.2249

■ 67.1874, 81.4072,
79.3565

■ 4.9549, 7.2245,
6.1022

■ 88.6420, 106.1008,
104.4163

■ 2.2553, 3.6029,
2.8375

■ 114.2372,
135.3423, 134.2638

■ 0.7717, 1.4540,
1.0123

144.3385,
169.5161, 169.3176

■ 0.0000, 0.2560,
0.0000

179.3113,

■ 0.0000, 0.0000,

209.0066, 209.9963

0.0000

219.5208,
254.1981, 256.7183

■ 24.0144, 30.7695,
28.7182

■ 24.0144, 30.7695,
28.7182

■ 21.6180, 29.5960,
25.8488

■ 26.8169, 32.1496,
31.8067

■ 19.6049, 28.6149,
23.1915

■ 30.0418, 33.7422,
35.1170

■ 17.9538, 27.8163,
20.7418


■ 33.7075, 35.5574,
38.6545


■ 16.6402, 27.1875,
18.4942


■ 37.8306, 37.6038,
42.4235


■ 15.6363, 26.7143,
16.4430


■ 42.4269, 39.8894,
46.4285


 14.9096, 26.3801,
14.5822

 47.5113, 42.4218,
50.6735

 14.4022, 26.1536,
12.9727

 53.0979, 45.2083,
55.1628

 59.2007, 48.2558,
59.9002

 65.1285, 51.2081,
64.8568

Harmonies

Analogous

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



25.4685, 30.7695, 22.6112



24.0144, 30.7695, 28.7182



23.8995, 30.7695, 37.2651

Triad

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



24.0144, 30.7695, 28.7182



30.5313, 30.7695, 52.6587



33.7716, 30.7695, 23.4105

Complementary

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



24.0144, 30.7695, 28.7182



24.8663, 20.9154, 25.6493

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.



35.3345, 30.7695, 30.0025



24.0144, 30.7695, 28.7182



33.3785, 30.7695, 47.4273

Square

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



24.0144, 30.7695, 28.7182



27.5233, 30.7695, 52.1522



35.1859, 30.7695, 38.7912



31.0381, 30.7695, 19.9319

Rectangle

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



24.0144, 30.7695, 28.7182



24.5858, 30.7695, 43.3367



35.1859, 30.7695, 38.7912



34.4596, 30.7695, 25.2818

Sweetspot

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



24.0152, 30.7708, 28.7189



54.5869, 60.8160, 63.6685



25.7725, 31.8688, 20.1225



11.7845, 13.2452, 13.7779



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.0152, 30.7708, 28.7189



39.8209, 53.5428, 47.6613



25.7188, 31.2245, 38.3912



7.1352, 7.9549, 8.3239



11.5228, 20.8955, 10.4696



0.2658, 0.4485, 0.3445

Inverse Universe

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



24.8663, 20.9154, 25.6493



41.6104, 32.8291, 41.2136



23.5082, 20.5170, 18.0507



7.2057, 7.1387, 8.0695



12.7892, 6.4717, 6.0806



0.2926, 0.1455, 0.2533

Previews

White Background



This preview shows how the XYZ color 24.0144, 30.7695, 28.7182 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 24.0144, 30.7695, 28.7182 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 ✓ Pass

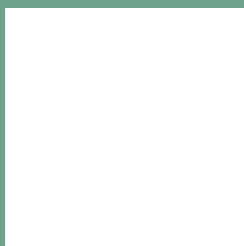
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0144, 30.7695, 28.7182

Background



This preview shows how black text looks on a background with the XYZ color 24.0144, 30.7695, 28.7182.

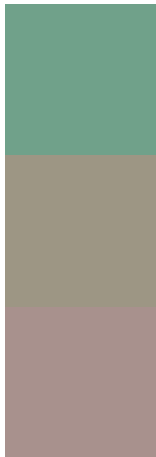


This preview shows how white text looks on a background with the XYZ color 24.0144, 30.7695,

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

24.0144, 30.7695, 28.7182

Protanopia

28.9758, 30.6467, 26.2180

Deuteranopia

31.0816, 30.4987, 29.4480



Tritanopia

26.8262, 30.9005, 42.0866

Trichromacy



Original Color

24.0144, 30.7695, 28.7182

Protanomaly

26.8432, 30.4952, 27.0256

Deuteranomaly

28.0130, 30.3226, 29.1873

Tritanomaly

25.6009, 30.6353, 36.9117

Monochromacy



Original Color

24.0144, 30.7695, 28.7182

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.3046, 28.6712, 29.7916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0144, 30.7695, 28.7182 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(112, 161, 138)` looks like.

```
.text, #text, p{  
    color:rgb(112, 161, 138)  
}
```

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(112, 161, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 161, 138) }
```

Border

The CSS property to change the border of an element to XYZ 24.0144, 30.7695, 28.7182 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(112, 161, 138) }
```


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

```
.border{ border-color:rgb(112, 161, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 161, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 161, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 161, 138); box-shadow:4px 4px 4px 4px rgb(112, 161, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0144, 30.7695, 28.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 161, 138) }
```

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

```
.background{ background-color: rgb(112,  
161, 138) }
```

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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