

Converting Colors

XYZ(28.2418, 30.2338, 45.0883)

Have a look what the booklet for
XYZ(28.2418, 30.2338, 45.0883)
contains.

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Color

**XYZ(28.3262, 30.3769,
44.9278)**

Conversions

Conversions Part 1

Format	Color
Hex	8398AF
RGB	131, 152, 175
RGB Percent	51%, 60%, 69%
CMY	0.4863, 0.4039, 0.3137
CMYK	0.25, 0.13, 0.00, 0.31
HSL	211°, 22%, 60%
HSV	211°, 25%, 69%
XYZ	28.3262, 30.3769, 44.9278
YIQ	148.3430, -19.8990, 2.7010

Conversions

Conversions Part 2

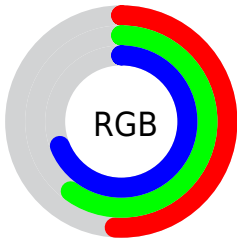
Format	Color
RYB	131, 145, 175
Decimal	8624303
CIELab	61.98, -2.13, -14.45
CIELCh	62, 14.607, 261.604
Yxy	30.3769, 0.2733, 0.2931
Android (android.graphics.Color)	4286814383 (0xFF8398AF)
YUV	148.3430, 13.1419, -15.2098
Hunter-Lab	55.1152, -4.7125, -9.7502

Details

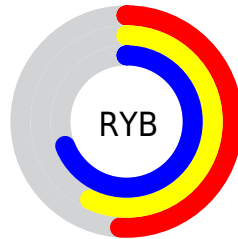
The XYZ color **28.3262, 30.3769, 44.9278** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3320, 33.8642, 26.2533**, and the grayscale version is **28.2450, 29.7160, 32.3607**.

A 20% lighter version of the original color is **56.5027, 60.2264, 84.2482**, and **11.5371, 12.4429, 20.5325** is the 20% darker color. If you saturate the color by 10%, you get **24.4136, 26.2409, 44.3362**, and if you desaturate by 10%, it is **32.8130, 34.9803, 45.5804**.

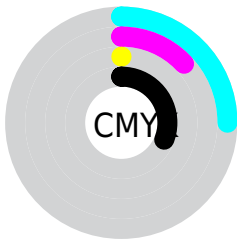
Distribution



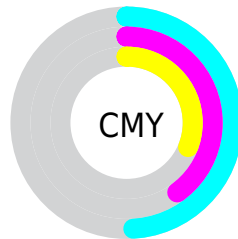
- Red (51%)
- Green (60%)
- Blue (69%)



- Red (51%)
- Yellow (57%)
- Blue (69%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3262, 30.3769, 44.9278 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 28.3262, 30.3769, 44.9278 by changing the saturation by 10% instead.

■ 28.3262, 30.3769,
44.9278

■ 28.3262, 30.3769,
44.9278

286.0742,
303.6573, 382.6327

■ 18.7134, 20.1248,
31.0580

■ 56.4098, 60.2577,
83.9294

■ 11.5662, 12.4858,
20.3842

■ 75.6114, 80.6553,
109.8982

■ 6.5191, 7.0755,
12.4878

■ 98.7399, 105.2034,
140.7372

■ 3.2068, 3.5093,
6.9502

126.1607,
134.2866, 176.8648

■ 1.2641, 1.4031,
3.3530

158.2392,
168.2892, 218.6996

■ 0.1561, 0.2190,
1.2776

195.3407,

■ 0.0000, 0.0000,

207.5956, 266.6602

0.0433

237.8306,
252.5902, 321.1650

■ 0.0000, 0.0000,
0.0000

■ 28.3262, 30.3769,
44.9278

■ 28.3262, 30.3769,
44.9278

■ 24.4136, 26.2409,
44.3362

■ 32.8130, 34.9803,
45.5804

■ 21.0469, 22.5518,
43.8016

■ 37.8950, 40.0636,
46.2937

■ 18.1993, 19.2925,
43.3226

■ 43.5956, 45.6430,
47.0702

■ 15.8406, 16.4434,
42.8969

■ 49.9361, 51.7330,
47.9115

■ 13.9370, 13.9828,
42.5223

■ 56.9366, 58.3474,
48.8192

■ 12.4497, 11.8863,
42.1960

■ 64.6164, 65.4993,
49.7949

■ 11.3318, 10.1249,
41.9150

■ 72.9939, 73.2015,
50.8400

■ 10.8718, 9.3628,
41.7921

■ 75.9522, 78.3036,
51.6689

■ 78.4944, 83.3880,
52.5163

Harmonies

Analogous

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



26.5969, 30.3769, 42.2644



28.3262, 30.3769, 44.9278



30.2806, 30.3769, 44.1452

Triad

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



28.3262, 30.3769, 44.9278



32.5155, 30.3769, 29.2626



26.0214, 30.3769, 26.8212

Complementary

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



28.3262, 30.3769, 44.9278



33.3320, 33.8642, 26.2533

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.



27.5084, 30.3769, 24.0304



28.3262, 30.3769, 44.9278



31.2740, 30.3769, 25.3251

Square

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



28.3262, 30.3769, 44.9278



32.7587, 30.3769, 34.6744



29.4254, 30.3769, 23.5154



25.3062, 30.3769, 31.5261

Rectangle

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



28.3262, 30.3769, 44.9278



31.4446, 30.3769, 41.8091



29.4254, 30.3769, 23.5154



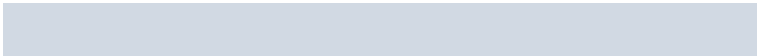
26.4443, 30.3769, 25.6512

Sweetspot

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



28.3271, 30.3781, 44.9285



65.0260, 68.9317, 82.5148



30.5013, 37.8101, 36.1468



14.1475, 15.0164, 18.2971



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.3271, 30.3781, 44.9285



46.8394, 50.3202, 79.8809



25.3290, 24.2127, 43.8965



7.8824, 8.3642, 10.1517



7.8464, 6.8267, 29.9487



0.2733, 0.3000, 0.8515

Inverse Universe

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



31.4638, 27.6144, 33.3789



53.4816, 44.8502, 55.3376



36.9423, 41.3285, 27.5037



8.1584, 8.0766, 9.1452



13.8242, 6.9922, 6.7195



0.4123, 0.2056, 0.3332

Previews

White Background



This preview shows how the XYZ color 28.3262, 30.3769, 44.9278 looks on a white background.

Color Contrast Check

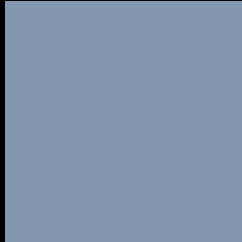
Large Text (above 18pt) WCAG AA × Fail

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 28.3262, 30.3769, 44.9278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

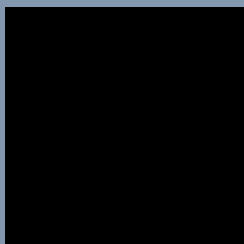
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

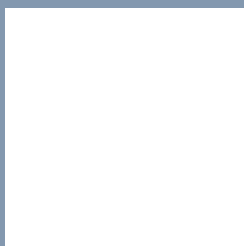
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3262, 30.3769, 44.9278

Background



This preview shows how black text looks on a background with the XYZ color 28.3262, 30.3769, 44.9278.



This preview shows how white text looks on a background with the XYZ color 28.3262, 30.3769,

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

28.3262, 30.3769, 44.9278

Protanopia

29.8098, 30.2167, 43.7964

Deuteranopia

30.8779, 30.2717, 45.2899



Tritanopia

27.4918, 30.5315, 40.5206

Trichromacy



Original Color

28.3262, 30.3769, 44.9278

Protanomaly

29.2026, 30.1263, 44.3202

Deuteranomaly

29.9280, 30.2437, 45.3345

Tritanomaly

27.7586, 30.3929, 41.9395

Monochromacy



Original Color

28.3262, 30.3769, 44.9278

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0743, 29.7143, 36.6035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3262, 30.3769, 44.9278 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(131, 152, 175)` looks like.

```
.text, #text, p{  
    color:rgb(131, 152, 175)  
}
```

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(131, 152, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 152, 175) }
```

Border

The CSS property to change the border of an element to XYZ 28.3262, 30.3769, 44.9278 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(131, 152, 175) }
```


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

```
.border{ border-color:rgb(131, 152, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 152, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 152, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 152, 175);  
box-shadow:4px 4px 4px 4px rgb(131, 152,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3262, 30.3769, 44.9278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 152, 175) }
```

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

```
.background{ background-color: rgb(131,  
152, 175) }
```

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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