

Converting Colors

XYZ(28.6050, 30.1221, 40.2892)

Have a look what the booklet for
XYZ(28.6050, 30.1221, 40.2892)
contains.

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Color

**XYZ(28.6045, 30.1413,
40.3866)**

Conversions

Conversions Part 1

Format	Color
Hex	8C96A6
RGB	140, 150, 166
RGB Percent	55%, 59%, 65%
CMY	0.4510, 0.4118, 0.3490
CMYK	0.16, 0.10, 0.00, 0.35
HSL	217°, 13%, 60%
HSV	217°, 16%, 65%
XYZ	28.6045, 30.1413, 40.3866
YIQ	148.8340, -11.0960, 2.8560

Conversions

Conversions Part 2

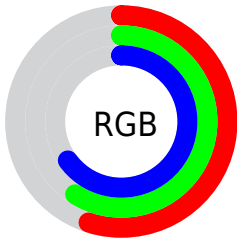
Format	Color
R_{YB}	140, 147, 166
Decimal	9213606
CIE Lab	61.78, -0.17, -9.60
CIE LCh	62, 9.605, 268.978
Yxy	30.1413, 0.2885, 0.3041
Android (android.graphics.Color)	4287403686 (0xFF8C96A6)
YUV	148.8340, 8.4628, -7.7474
Hunter-Lab	54.9011, -3.0751, -5.1844

Details

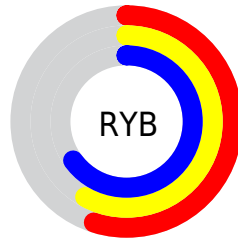
The XYZ color **28.6045, 30.1413, 40.3866** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3482, 33.7773, 29.6264**, and the grayscale version is **28.4669, 29.9494, 32.6149**.

A 20% lighter version of the original color is **56.8921, 59.8755, 76.9652**, and **11.7156, 12.3122, 17.6786** is the 20% darker color. If you saturate the color by 10%, you get **24.4563, 25.6884, 39.7462**, and if you desaturate by 10%, it is **33.3186, 35.0984, 41.0954**.

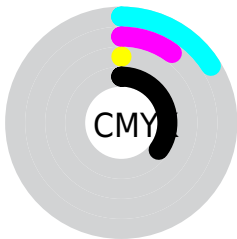
Distribution



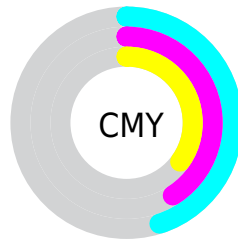
- Red (55%)
- Green (59%)
- Blue (65%)



- Red (55%)
- Yellow (58%)
- Blue (65%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6045, 30.1413, 40.3866 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 28.6045, 30.1413, 40.3866 by changing the saturation by 10% instead.

■ 28.6045, 30.1413,
40.3866

■ 28.6045, 30.1413,
40.3866

287.3723,
302.5625, 363.3508

■ 18.9246, 19.9459,
27.5240

■ 56.8500, 59.8856,
76.9954

■ 11.7195, 12.3557,
17.7313

■ 76.1464, 80.2032,
101.5786

■ 6.6238, 6.9864,
10.5898

■ 99.3790, 104.6636,
130.9059

■ 3.2722, 3.4536,
5.6810

126.9131,
133.6514, 165.3957

■ 1.2993, 1.3729,
2.5865

159.1141,
167.5507, 205.4665

■ 0.1827, 0.1966,
0.8855

196.3474,

■ 0.0000, 0.0000,

206.7461, 251.5369

0.0000

238.9784,
251.6219, 304.0255

■ 28.6045, 30.1413,
40.3866

■ 28.6045, 30.1413,
40.3866

■ 24.4563, 25.6884,
39.7462

■ 33.3186, 35.0984,
41.0954

■ 20.8488, 21.7191,
39.1702

■ 38.6171, 40.5721,
41.8727

■ 17.7589, 18.2166,
38.6570

■ 44.5208, 46.5789,
42.7210

■ 15.1607, 15.1618,
38.2043

■ 51.0488, 53.1334,
43.6421

■ 13.0258, 12.5339,
37.8096

■ 58.2192, 60.2496,
44.6377

■ 11.3227, 10.3103,
37.4702

■ 66.0494, 67.9411,
45.7096

■ 10.0153, 8.4656,
37.1830

■ 74.1125, 75.9922,
46.8387

■ 9.0578, 6.9690,
36.9446

■ 76.9001, 81.5675,
47.7679

■ 8.7084, 6.4040,
36.8540

■ 79.8548, 87.4768,
48.7528

Harmonies

Analogous

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



27.3980, 30.1413, 39.2406



28.6045, 30.1413, 40.3866



29.8580, 30.1413, 39.3825

Triad

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



28.6045, 30.1413, 40.3866



30.8569, 30.1413, 29.5194



26.5896, 30.1413, 29.3169

Complementary

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



28.6045, 30.1413, 40.3866



32.3482, 33.7773, 29.6264

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.



27.4719, 30.1413, 27.0281



28.6045, 30.1413, 40.3866



29.9362, 30.1413, 27.1388

Square

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



28.6045, 30.1413, 40.3866



31.1816, 30.1413, 32.9447



28.6923, 30.1413, 26.2608



26.2563, 30.1413, 32.6931

Rectangle

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



28.6045, 30.1413, 40.3866



30.5466, 30.1413, 37.6683



28.6923, 30.1413, 26.2608



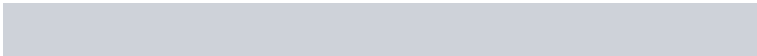
26.8305, 30.1413, 28.4044

Sweetspot

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



28.6054, 30.1425, 40.3873



60.9879, 64.2395, 74.6603



30.4189, 35.2352, 36.4736



13.5102, 14.2321, 16.6871



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.6054, 30.1425, 40.3873



49.0190, 51.6171, 72.8548



27.5202, 27.3140, 39.8985



7.3596, 7.7561, 9.5275



6.7953, 5.0508, 28.5922



0.2150, 0.2223, 0.7122

Inverse Universe

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



30.6097, 29.0659, 32.8525



53.4308, 49.3744, 56.2411



33.5566, 36.9952, 30.1838



7.6461, 7.5883, 8.4535



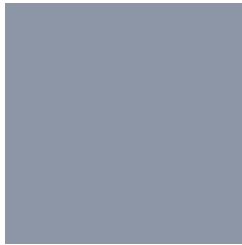
12.9306, 6.5809, 4.4459



0.3397, 0.1702, 0.2403

Previews

White Background



This preview shows how the XYZ color 28.6045, 30.1413, 40.3866 looks on a white background.

Color Contrast Check

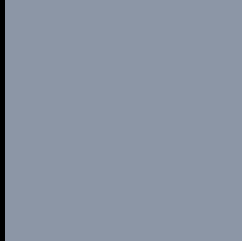
Large Text (above 18pt) WCAG AA × Fail

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 28.6045, 30.1413, 40.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

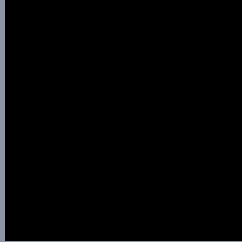
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.6045, 30.1413, 40.3866

Background



This preview shows how black text looks on a background with the XYZ color 28.6045, 30.1413, 40.3866.



This preview shows how white text looks on a background with the XYZ color 28.6045, 30.1413,

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

28.6045, 30.1413, 40.3866

Protanopia

29.4141, 30.0995, 39.8568

Deuteranopia

30.6180, 30.0094, 40.7379



Tritanopia

28.3249, 30.2665, 38.9995

Trichromacy



Original Color

28.6045, 30.1413, 40.3866

Protanomaly

29.0406, 30.1408, 39.8845

Deuteranomaly

29.9864, 30.1415, 40.7966

Tritanomaly

28.4149, 30.3025, 39.4733

Monochromacy



Original Color

28.6045, 30.1413, 40.3866

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.5179, 29.9724, 35.2926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6045, 30.1413, 40.3866 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(140, 150, 166)` looks like.

```
.text, #text, p{  
    color:rgb(140, 150, 166)  
}
```

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(140, 150, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 150, 166) }
```

Border

The CSS property to change the border of an element to XYZ 28.6045, 30.1413, 40.3866 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(140, 150, 166) }
```


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

```
.border{ border-color:rgb(140, 150, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 150, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 150, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 150, 166);  
box-shadow:4px 4px 4px 4px rgb(140, 150,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6045, 30.1413, 40.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 150, 166) }
```

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

```
.background{ background-color: rgb(140,  
150, 166) }
```

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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