

Converting Colors

XYZ(25.3272, 27.3638, 47.1269)

Have a look what the booklet for
XYZ(25.3272, 27.3638, 47.1269)
contains.

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Color

**XYZ(25.3272, 27.3638,
47.1269)**

Conversions

Conversions Part 1

Format	Color
Hex	7192B4
RGB	113, 146, 180
RGB Percent	44%, 57%, 71%
CMY	0.5569, 0.4274, 0.2941
CMYK	0.37, 0.19, 0.00, 0.29
HSL	210°, 31%, 57%
HSV	210°, 37%, 71%
XYZ	25.3272, 27.3638, 47.1269
YIQ	140.0090, -30.5820, 3.5780

Conversions

Conversions Part 2

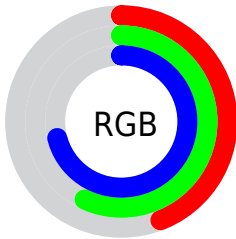
Format	Color
RYB	113, 135, 180
Decimal	7443124
CIELab	59.31, -2.86, -21.44
CIElCh	59, 21.632, 262.404
Yxy	27.3638, 0.2537, 0.2741
Android (android.graphics.Color)	4285633204 (0xFF7192B4)
YUV	140.0090, 19.7156, -23.6869
Hunter-Lab	52.3104, -5.1187, -16.7976

Details

The XYZ color **25.3272, 27.3638, 47.1269** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **32.2374, 31.7636, 20.0556**, and the grayscale version is **24.8659, 26.1608, 28.4891**.

A 20% lighter version of the original color is **51.7309, 55.5802, 87.3584**, and **9.9381, 10.8901, 21.6569** is the 20% darker color. If you saturate the color by 10%, you get **21.8849, 23.5823, 46.5789**, and if you desaturate by 10%, it is **29.3430, 31.6092, 47.7352**.

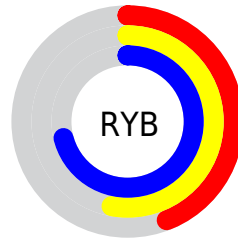
Distribution



Red (44%)

Green (57%)

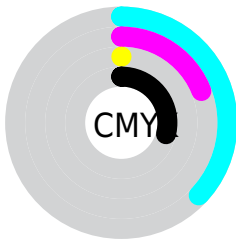
Blue (71%)



Red (44%)

Yellow (53%)

Blue (71%)

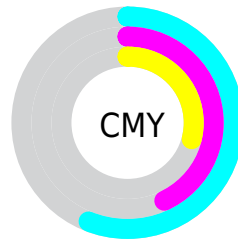


Cyan (37%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (56%)

Magenta (43%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3272, 27.3638, 47.1269 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 25.3272, 27.3638, 47.1269 by changing the saturation by 10% instead.

■ 25.3272, 27.3638,
47.1269

■ 25.3272, 27.3638,
47.1269

271.7812,
289.4143, 391.7293

■ 16.4510, 17.8466,
32.7809

■ 51.6266, 55.4671,
87.2550

■ 9.9367, 10.8399,
21.6889

■ 69.7806, 74.8220,
113.8742

■ 5.4190, 5.9593,
13.4324

■ 91.7578, 98.2250,
145.4215

■ 2.5324, 2.8204,
7.5927

117.9238,
126.0604, 182.3155

■ 0.9116, 1.0387,
3.7515

148.6437,
158.7126, 224.9747

■ 0.0000, 0.0000,
1.4900

184.2830,

■ 0.0000, 0.0000,

196.5661, 273.8178

0.2105

225.2071,
240.0052, 329.2631

■ 0.0000, 0.0000,
0.0000

■ 25.3272, 27.3638,
47.1269

■ 25.3272, 27.3638,
47.1269

■ 21.8849, 23.5823,
46.5789

■ 29.3430, 31.6092,
47.7352

■ 18.9837, 20.2424,
46.0871

■ 33.9574, 36.3333,
48.4038

■ 16.5915, 17.3239,
45.6499

■ 39.1968, 41.5540,
49.1354

■ 14.6714, 14.8037,
45.2647

■ 45.0854, 47.2874,
49.9317

■ 13.1808, 12.6556,
44.9286

■ 51.6460, 53.5485,
50.7944

■ 12.0589, 10.8436,
44.6380

■ 58.9002, 60.3519,
51.7252

■ 11.7824, 10.3834,
44.5637

■ 66.8685, 67.7114,
52.7258

■ 74.8298, 75.2582,
53.7629

■ 77.2797, 80.1581,
54.5795

Harmonies

Analogous

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



22.9635, 27.3638, 43.2194



25.3272, 27.3638, 47.1269



28.0410, 27.3638, 45.7912

Triad

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



25.3272, 27.3638, 47.1269



31.1179, 27.3638, 24.4716



22.1023, 27.3638, 21.6016

Complementary

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



25.3272, 27.3638, 47.1269



32.2374, 31.7636, 20.0556

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.



24.0766, 27.3638, 18.0389



25.3272, 27.3638, 47.1269



29.3114, 27.3638, 19.4846

Square

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



25.3272, 27.3638, 47.1269



31.5104, 27.3638, 31.8066



26.7019, 27.3638, 17.3372



21.1874, 27.3638, 27.8692

Rectangle

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



25.3272, 27.3638, 47.1269



29.6748, 27.3638, 42.1985



26.7019, 27.3638, 17.3372



22.6573, 27.3638, 20.0959

Sweetspot

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



25.3281, 27.3649, 47.1275



67.1638, 71.4801, 88.5517



28.3594, 38.2448, 33.2866



14.2426, 15.1767, 19.1010



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.3281, 27.3649, 47.1275



40.5251, 43.7037, 84.5944



20.9543, 18.6172, 45.6696



8.3760, 8.8983, 10.7824



8.2903, 7.3810, 31.1247



0.3193, 0.3491, 0.9988

Inverse Universe

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



29.9166, 23.5898, 30.1717



50.3266, 36.6399, 48.1509



38.1249, 43.5386, 22.0181



8.6650, 8.5727, 9.7343



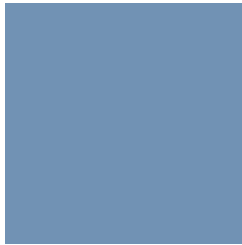
14.4192, 7.2852, 7.3675



0.4832, 0.2410, 0.3871

Previews

White Background



This preview shows how the XYZ color 25.3272, 27.3638, 47.1269 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 25.3272, 27.3638, 47.1269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

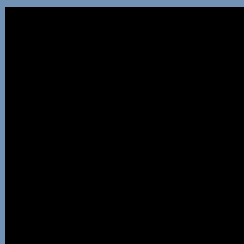
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

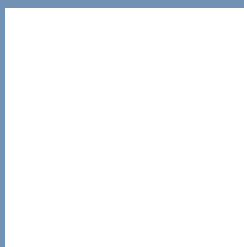
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3272, 27.3638, 47.1269

Background



This preview shows how black text looks on a background with the XYZ color 25.3272, 27.3638, 47.1269.



This preview shows how white text looks on a background with the XYZ color 25.3272, 27.3638,

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

25.3272, 27.3638, 47.1269

Protanopia

27.1929, 27.2527, 44.9014

Deuteranopia

27.8719, 27.3266, 47.5216



Tritanopia

23.3648, 27.2562, 37.7477

Trichromacy



Original Color

25.3272, 27.3638, 47.1269

Protanomaly

26.3625, 27.2549, 45.4662

Deuteranomaly

26.9156, 27.2714, 47.5614

Tritanomaly

24.0882, 27.3220, 41.0499

Monochromacy



Original Color

25.3272, 27.3638, 47.1269

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.7953, 26.4584, 34.8105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3272, 27.3638, 47.1269 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(113, 146, 180)` looks like.

```
.text, #text, p{  
    color:rgb(113, 146, 180)  
}
```

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(113, 146, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 146, 180) }
```

Border

The CSS property to change the border of an element to XYZ 25.3272, 27.3638, 47.1269 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(113, 146, 180) }
```


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

```
.border{ border-color:rgb(113, 146, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 146, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 146, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 146, 180);  
box-shadow:4px 4px 4px 4px rgb(113, 146,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3272, 27.3638, 47.1269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 146, 180) }
```

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

```
.background{ background-color: rgb(113,  
146, 180) }
```

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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