

Converting Colors

XYZ(27.3506, 30.0099, 45.3993)

Have a look what the booklet for
XYZ(27.3506, 30.0099, 45.3993)
contains.

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Color

**XYZ(27.3961, 30.1280,
45.4457)**

Conversions

Conversions Part 1

Format	Color
Hex	7B99B0
RGB	123, 153, 176
RGB Percent	48%, 60%, 69%
CMY	0.5176, 0.4000, 0.3098
CMYK	0.30, 0.13, 0.00, 0.31
HSL	206°, 25%, 59%
HSV	206°, 30%, 69%
XYZ	27.3961, 30.1280, 45.4457
YIQ	146.6520, -25.2630, 0.7930

Conversions

Conversions Part 2

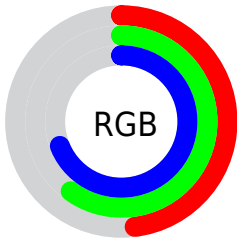
Format	Color
RYB	123, 142, 176
Decimal	8100272
CIELab	61.76, -4.91, -15.39
CIElCh	62, 16.153, 252.309
Yxy	30.1280, 0.2661, 0.2926
Android (android.graphics.Color)	4286290352 (0xFF7B99B0)
YUV	146.6520, 14.4686, -20.7428
Hunter-Lab	54.8890, -6.9631, -10.6673

Details

The XYZ color **27.3961, 30.1280, 45.4457** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.7590, 31.2183, 23.0916**, and the grayscale version is **27.5400, 28.9742, 31.5529**.

A 20% lighter version of the original color is **55.0098, 59.7990, 84.9870**, and **10.9990, 12.3105, 20.5353** is the 20% darker color. If you saturate the color by 10%, you get **23.8910, 26.5250, 44.9355**, and if you desaturate by 10%, it is **31.4357, 34.1268, 46.0051**.

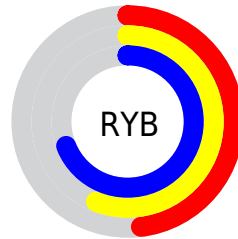
Distribution



Red (48%)

Green (60%)

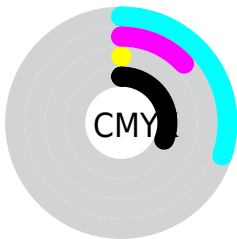
Blue (69%)



Red (48%)

Yellow (56%)

Blue (69%)

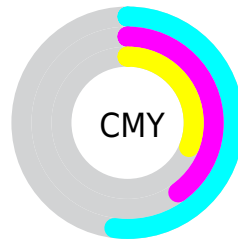


Cyan (30%)

Magenta (13%)

Yellow (0%)

Black (31%)



Cyan (52%)

Magenta (40%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3961, 30.1280, 45.4457 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 27.3961, 30.1280, 45.4457 by changing the saturation by 10% instead.

■ 27.3961, 30.1280,
45.4457

■ 27.3961, 30.1280,
45.4457

281.7026,
302.5006, 384.7883

■ 18.0091, 19.9358,
31.4631

■ 54.9342, 59.8645,
84.7144

■ 11.0562, 12.3484,
20.6904

■ 73.8160, 80.1776,
110.8375

■ 6.1722, 6.9814,
12.7088

■ 96.5935, 104.6331,
141.8446

■ 2.9917, 3.4505,
7.1000

123.6319,
133.6155, 178.1542

■ 1.1494, 1.3712,
3.4453

155.2967,
167.5090, 220.1849

■ 0.0658, 0.1953,
1.3263

191.9531,

■ 0.0000, 0.0000,

206.6981, 268.3551

0.0832

233.9667,
251.5672, 323.0834

■ 0.0000, 0.0000,
0.0000

■ 27.3961, 30.1280,
45.4457

■ 27.3961, 30.1280,
45.4457

■ 23.8910, 26.5250,
44.9355

■ 31.4357, 34.1268,
46.0051

■ 20.8919, 23.2988,
44.4708

■ 36.0310, 38.5322,
46.6133

■ 18.3717, 20.4337,
44.0507

■ 41.2052, 43.3591,
47.2723

■ 16.2993, 17.9115,
43.6730

■ 46.9794, 48.6205,
47.9835

■ 14.6396, 15.7115,
43.3359

■ 53.3737, 54.3284,
48.7482

■ 13.3513, 13.8102,
43.0368

■ 60.4069, 60.4948,
49.5677

■ 12.3581, 12.1776,
42.7740

■ 68.0973, 67.1309,
50.4433

■ 73.1490, 72.5394,
51.2210

■ 75.1287, 76.4988,
51.8809

Harmonies

Analogous

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



25.6821, 30.1280, 41.4497



27.3961, 30.1280, 45.4457



29.5274, 30.1280, 45.8047

Triad

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



27.3961, 30.1280, 45.4457



32.8738, 30.1280, 30.3410



25.9385, 30.1280, 24.7944

Complementary

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



27.3961, 30.1280, 45.4457



31.7590, 31.2183, 23.0916

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.



27.7622, 30.1280, 22.5307



27.3961, 30.1280, 45.4457



31.8076, 30.1280, 25.4533

Square

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



27.3961, 30.1280, 45.4457



32.7636, 30.1280, 36.5406



29.9123, 30.1280, 22.7557



24.8700, 30.1280, 29.3318

Rectangle

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



27.3961, 30.1280, 45.4457



30.9059, 30.1280, 43.8796



29.9123, 30.1280, 22.7557



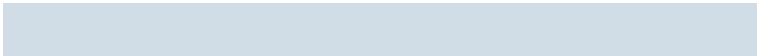
26.4796, 30.1280, 23.7695

Sweetspot

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



27.3970, 30.1292, 45.4464



66.1978, 70.6866, 84.6502



28.8802, 37.3366, 32.8658



14.0719, 15.0598, 18.3095



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.



27.3970, 30.1292, 45.4464



45.4374, 50.3041, 81.8102



23.5349, 22.4049, 44.1590



8.4277, 9.0017, 10.7996



9.1263, 9.0529, 31.4034



0.3439, 0.3983, 1.0070

Inverse Universe

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



30.7380, 25.6968, 33.4782



52.5860, 41.4498, 56.0609



36.3218, 40.3438, 24.6125



8.6911, 8.5832, 9.8717



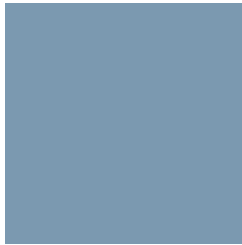
14.8412, 7.4540, 9.5895



0.4956, 0.2460, 0.4525

Previews

White Background



This preview shows how the XYZ color 27.3961, 30.1280, 45.4457 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 27.3961, 30.1280, 45.4457 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

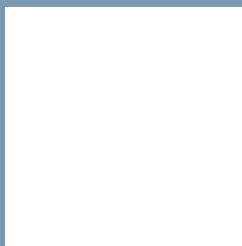
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3961, 30.1280, 45.4457

Background



This preview shows how black text looks on a background with the XYZ color 27.3961, 30.1280, 45.4457.



This preview shows how white text looks on a background with the XYZ color 27.3961, 30.1280,

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

27.3961, 30.1280, 45.4457

Protanopia

29.5379, 30.0877, 43.2804

Deuteranopia

30.5557, 29.8547, 46.2716



Tritanopia

26.5816, 30.2977, 41.0063

Trichromacy



Original Color

27.3961, 30.1280, 45.4457

Protanomaly

28.6025, 30.0641, 43.8306

Deuteranomaly

29.3409, 29.9296, 45.8255

Tritanomaly

26.8373, 30.1511, 42.4355

Monochromacy



Original Color

27.3961, 30.1280, 45.4457

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4002, 29.3668, 36.5720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3961, 30.1280, 45.4457 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(123, 153, 176)` looks like.

```
.text, #text, p{  
    color:rgb(123, 153, 176)  
}
```

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(123, 153, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 153, 176) }
```

Border

The CSS property to change the border of an element to XYZ 27.3961, 30.1280, 45.4457 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(123, 153, 176) }
```


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

```
.border{ border-color:rgb(123, 153, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 153, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 153, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 153, 176);  
box-shadow:4px 4px 4px 4px rgb(123, 153,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3961, 30.1280, 45.4457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 153, 176) }
```

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

```
.background{ background-color: rgb(123,  
153, 176) }
```

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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