

Converting Colors

XYZ(24.0715, 27.6361, 45.1419)

Have a look what the booklet for
XYZ(24.0715, 27.6361, 45.1419)
contains.

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Color

**XYZ(24.1096, 27.7140,
45.1529)**

Conversions

Conversions Part 1

Format	Color
Hex	6596B0
RGB	101, 150, 176
RGB Percent	40%, 59%, 69%
CMY	0.6039, 0.4118, 0.3098
CMYK	0.43, 0.15, 0.00, 0.31
HSL	201°, 32%, 54%
HSV	201°, 43%, 69%
XYZ	24.1096, 27.7140, 45.1529
YIQ	138.3130, -37.5500, -2.3020

Conversions

Conversions Part 2

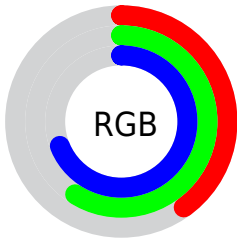
Format	Color
RYB	101, 131, 176
Decimal	6657712
CIELab	59.63, -9.48, -18.75
CIELCh	60, 21.008, 243.178
Yxy	27.7140, 0.2486, 0.2858
Android (android.graphics.Color)	4284847792 (0xFF6596B0)
YUV	138.3130, 18.5797, -32.7235
Hunter-Lab	52.6441, -10.3789, -14.0022

Details

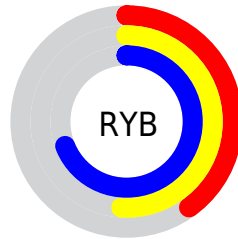
The XYZ color **24.1096, 27.7140, 45.1529** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **27.8433, 25.3488, 15.7379**, and the grayscale version is **24.2192, 25.4805, 27.7482**.

A 20% lighter version of the original color is **49.6759, 55.9805, 84.5310**, and **9.2559, 10.9821, 20.3708** is the 20% darker color. If you saturate the color by 10%, you get **21.3978, 24.9087, 44.7549**, and if you desaturate by 10%, it is **27.2958, 30.8403, 45.5889**.

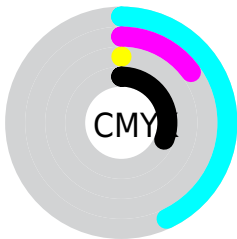
Distribution



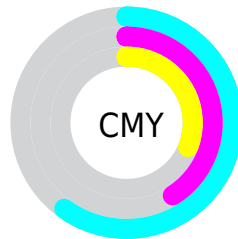
- Red (40%)
- Green (59%)
- Blue (69%)



- Red (40%)
- Yellow (51%)
- Blue (69%)



- Cyan (43%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)



- Cyan (60%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1096, 27.7140, 45.1529 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 24.1096, 27.7140, 45.1529 by changing the saturation by 10% instead.

■ 24.1096, 27.7140,
45.1529

■ 24.1096, 27.7140,
45.1529

265.8043,
291.0978, 383.5706

■ 15.5401, 18.1102,
31.2341

■ 49.6624, 56.0275,
84.2707

■ 9.2881, 11.0291,
20.5172

■ 67.3764, 75.5060,
110.3067

■ 4.9882, 6.0864,
12.5837

■ 88.8692, 99.0448,
141.2189

■ 2.2750, 2.8977,
7.0152

■ 114.5064,
127.0283, 177.4257

■ 0.7818, 1.0786,
3.3930

144.6531,
159.8410, 219.3458

■ 0.0000, 0.0000,
1.2986

179.6747,

■ 0.0000, 0.0000,

197.8672, 267.3976

0.0607

219.9367,
241.4913, 321.9997

■ 0.0000, 0.0000,
0.0000

■ 24.1096, 27.7140,
45.1529

■ 24.1096, 27.7140,
45.1529

■ 21.3978, 24.9087,
44.7549

■ 27.2958, 30.8403,
45.5889

■ 19.1299, 22.4058,
44.3913

■ 30.9793, 34.2988,
46.0623

■ 17.2756, 20.1891,
44.0611

■ 35.1847, 38.1037,
46.5751

■ 15.7993, 18.2390,
43.7625

■ 39.9339, 42.2675,
47.1285

■ 14.6588, 16.5326,
43.4933

■ 45.2476, 46.8019,
47.7236

■ 13.9662, 15.3939,
43.3100

■ 51.1455, 51.7180,
48.3617

■ 57.6461, 57.0264,
49.0437

■ 64.7671, 62.7372,
49.7707

■ 70.8869, 68.0154,
50.4669

Harmonies

Analogous

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



22.3047, 27.7140, 38.8819



24.1096, 27.7140, 45.1529



26.6247, 27.7140, 47.2067

Triad

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



24.1096, 27.7140, 45.1529



31.7604, 27.7140, 29.3744



23.6515, 27.7140, 19.5407

Complementary

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



24.1096, 27.7140, 45.1529



27.8433, 25.3488, 15.7379

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.



26.0600, 27.7140, 17.8302



24.1096, 27.7140, 45.1529



30.8378, 27.7140, 22.8772

Square

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



24.1096, 27.7140, 45.1529



31.1525, 27.7140, 37.2468



28.7067, 27.7140, 18.9416



22.0529, 27.7140, 24.0616

Rectangle

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



24.1096, 27.7140, 45.1529



28.3971, 27.7140, 45.6675



28.7067, 27.7140, 18.9416



24.3873, 27.7140, 18.6558

Sweetspot

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



24.1105, 27.7151, 45.1536



63.3155, 68.6638, 84.4116



24.6587, 35.3243, 25.2580



13.3485, 14.5467, 18.2486



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.



24.1105, 27.7151, 45.1536



39.1347, 45.5233, 81.2196



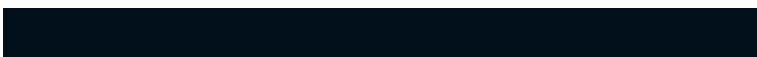
19.1650, 17.8241, 43.5051



8.4897, 9.1257, 10.8203



10.3034, 11.4071, 31.7957



0.3761, 0.4628, 1.0177

Inverse Universe

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



28.0639, 20.7402, 31.3795



47.4947, 32.1003, 51.7950



33.4402, 36.5426, 17.6035



8.7224, 8.5957, 10.0365



15.4353, 7.6917, 12.7182



0.5119, 0.2525, 0.5382

Previews

White Background



This preview shows how the XYZ color 24.1096, 27.7140, 45.1529 looks on a white background.

Color Contrast Check

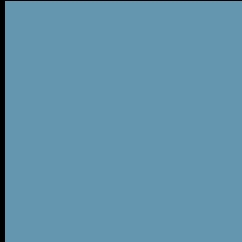
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1096, 27.7140, 45.1529 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

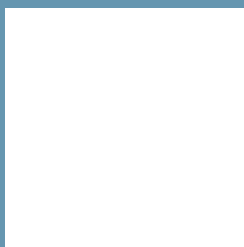
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1096, 27.7140, 45.1529

Background



This preview shows how black text looks on a background with the XYZ color 24.1096, 27.7140, 45.1529.



This preview shows how white text looks on a background with the XYZ color 24.1096, 27.7140,

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

24.1096, 27.7140, 45.1529

Protanopia

27.2452, 27.5666, 41.9151

Deuteranopia

28.0614, 27.4595, 45.9407



Tritanopia

22.9661, 27.7335, 39.2646

Trichromacy



Original Color

24.1096, 27.7140, 45.1529

Protanomaly

25.8840, 27.5144, 42.9763

Deuteranomaly

26.3665, 27.4808, 45.5096

Tritanomaly

23.2801, 27.6130, 41.1486

Monochromacy



Original Color

24.1096, 27.7140, 45.1529

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7979, 25.9730, 33.4648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1096, 27.7140, 45.1529 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(101, 150, 176)` looks like.

```
.text, #text, p{  
    color:rgb(101, 150, 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(101, 150, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 150, 176) }
```

Border

The CSS property to change the border of an element to XYZ 24.1096, 27.7140, 45.1529 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(101, 150, 176) }
```


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

```
.border{ border-color:rgb(101, 150, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 150, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 150, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 150, 176);  
box-shadow:4px 4px 4px 4px rgb(101, 150,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1096, 27.7140, 45.1529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 150, 176) }
```

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

```
.background{ background-color: rgb(101,  
150, 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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