

Converting Colors

XYZ(24.1466, 26.9136, 46.0945)

Have a look what the booklet for
XYZ(24.1466, 26.9136, 46.0945)
contains.

XYZ(24.1785, 27.0248, 46.0615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.1785, 27.0248,
46.0615)**

Conversions

Conversions Part 1

Format	Color
Hex	6893B2
RGB	104, 147, 178
RGB Percent	41%, 58%, 70%
CMY	0.5921, 0.4235, 0.3020
CMYK	0.42, 0.17, 0.00, 0.30
HSL	205°, 32%, 55%
HSV	205°, 42%, 70%
XYZ	24.1785, 27.0248, 46.0615
YIQ	137.6770, -35.5790, 0.5250

Conversions

Conversions Part 2

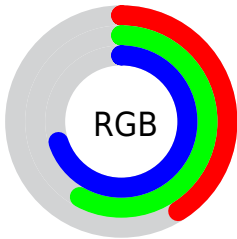
Format	Color
RYB	104, 131, 178
Decimal	6853554
CIELab	59.00, -6.45, -20.83
CIELCh	59, 21.808, 252.789
Yxy	27.0248, 0.2486, 0.2778
Android (android.graphics.Color)	4285043634 (0xFF6893B2)
YUV	137.6770, 19.8792, -29.5347
Hunter-Lab	51.9854, -7.9537, -16.1440

Details

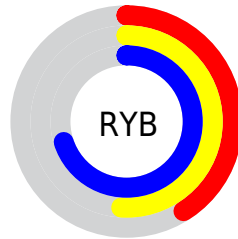
The XYZ color **24.1785, 27.0248, 46.0615** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **29.5234, 27.7931, 16.9061**, and the grayscale version is **23.9717, 25.2201, 27.4646**.

A 20% lighter version of the original color is **49.8385, 54.9829, 85.8279**, and **9.3416, 10.7339, 20.9815** is the 20% darker color. If you saturate the color by 10%, you get **21.2043, 23.8262, 45.6013**, and if you desaturate by 10%, it is **27.6657, 30.6007, 46.5684**.

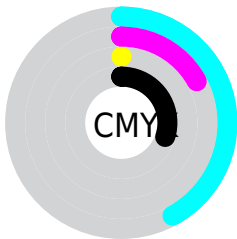
Distribution



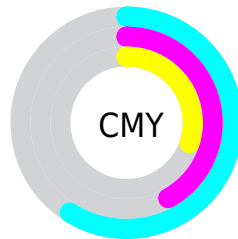
- Red (41%)
- Green (58%)
- Blue (70%)



- Red (41%)
- Yellow (51%)
- Blue (70%)



- Cyan (42%)
- Magenta (17%)
- Yellow (0%)
- Black (30%)



- Cyan (59%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1785, 27.0248, 46.0615 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 24.1785, 27.0248, 46.0615 by changing the saturation by 10% instead.

■ 24.1785, 27.0248,
46.0615

■ 24.1785, 27.0248,
46.0615

266.1454,
287.7772, 387.3406

■ 15.5915, 17.5918,
31.9453

■ 49.7739, 54.9237,
85.6463

■ 9.3246, 10.6574,
21.0553

■ 67.5130, 74.1584,
111.9520

■ 5.0123, 5.8369,
12.9728

■ 89.0336, 97.4291,
143.1580

■ 2.2893, 2.7462,
7.2793

■ 114.7010,
125.1203, 179.6827

■ 0.7892, 1.0007,
3.5563

144.8805,
157.6163, 221.9448

■ 0.0000, 0.0000,
1.3852

179.9375,

■ 0.0000, 0.0000,

195.3015, 270.3628

0.1302

220.2373,
238.5603, 325.3552

■ 0.0000, 0.0000,
0.0000

■ 24.1785, 27.0248,
46.0615

■ 24.1785, 27.0248,
46.0615

■ 21.2043, 23.8262,
45.6013

■ 27.6657, 30.6007,
46.5684

■ 18.7114, 20.9846,
45.1842

■ 31.6900, 34.5665,
47.1218

■ 16.6685, 18.4823,
44.8089

■ 36.2768, 38.9379,
47.7238

■ 15.0387, 16.2980,
44.4732

■ 41.4493, 43.7288,
48.3759

■ 13.7787, 14.4073,
44.1747

■ 47.2292, 48.9522,
49.0795

■ 12.9295, 13.0015,
43.9481

■ 53.6369, 54.6206,
49.8359

■ 60.6921, 60.7459,
50.6463

■ 68.4134, 67.3394,
51.5121

■ 73.3510, 72.6245,
52.2719

Harmonies

Analogous

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



22.0569, 27.0248, 40.7421



24.1785, 27.0248, 46.0615



26.8543, 27.0248, 46.4636

Triad

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



24.1785, 27.0248, 46.0615



31.0968, 27.0248, 26.2513



22.3142, 27.0248, 19.7958

Complementary

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



24.1785, 27.0248, 46.0615



29.5234, 27.7931, 16.9061

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.



24.5526, 27.0248, 17.1633



24.1785, 27.0248, 46.0615



29.6934, 27.0248, 20.4262

Square

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



24.1785, 27.0248, 46.0615



30.9790, 27.0248, 34.0544



27.2554, 27.0248, 17.3718



21.0335, 27.0248, 25.2361

Rectangle

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



24.1785, 27.0248, 46.0615



28.6057, 27.0248, 43.8003



27.2554, 27.0248, 17.3718



22.9726, 27.0248, 18.5998

Sweetspot

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



24.1794, 27.0258, 46.0621



65.2247, 70.0840, 86.4710



25.9915, 36.5291, 28.5420



14.2032, 15.2939, 19.1257



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.



24.1794, 27.0258, 46.0621



38.8039, 43.5949, 82.7506



19.3395, 17.3462, 44.4489



8.4384, 9.0229, 10.8032



9.3144, 9.4291, 31.4661



0.3492, 0.4089, 1.0088

Inverse Universe

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



28.5776, 21.4730, 30.2433



48.1369, 33.0982, 48.8949



35.5802, 39.9067, 18.9250



8.6965, 8.5853, 9.9000



14.9361, 7.4920, 10.0895



0.4983, 0.2471, 0.4666

Previews

White Background



This preview shows how the XYZ color 24.1785, 27.0248, 46.0615 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 24.1785, 27.0248, 46.0615 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

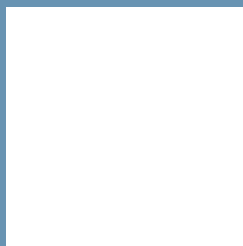
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1785, 27.0248, 46.0615

Background



This preview shows how black text looks on a background with the XYZ color 24.1785, 27.0248, 46.0615.

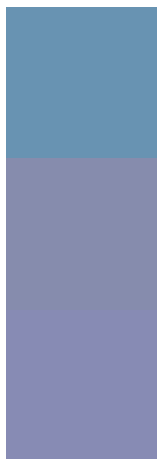


This preview shows how white text looks on a background with the XYZ color 24.1785, 27.0248,

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

24.1785, 27.0248, 46.0615

Protanopia

26.7524, 26.8416, 43.3061

Deuteranopia

27.4625, 26.9114, 46.9270



Tritanopia

22.6835, 27.1307, 38.2236

Trichromacy



Original Color

24.1785, 27.0248, 46.0615

Protanomaly

25.7287, 26.9510, 44.4035

Deuteranomaly

26.1219, 26.8858, 46.4605

Tritanomaly

23.1822, 27.0887, 41.0526

Monochromacy



Original Color

24.1785, 27.0248, 46.0615

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8788, 25.7853, 33.8555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1785, 27.0248, 46.0615 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(104, 147, 178)` looks like.

```
.text, #text, p{  
    color:rgb(104, 147, 178)  
}
```

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(104, 147, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 147, 178) }
```

Border

The CSS property to change the border of an element to XYZ 24.1785, 27.0248, 46.0615 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(104, 147, 178) }
```


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

```
.border{ border-color:rgb(104, 147, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 147, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 147, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 147, 178);  
box-shadow:4px 4px 4px 4px rgb(104, 147,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1785, 27.0248, 46.0615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 147, 178) }
```

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

```
.background{ background-color: rgb(104,  
147, 178) }
```

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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