

Converting Colors

XYZ(21.4443, 24.6963, 29.9383)

Have a look what the booklet for
XYZ(21.4443, 24.6963, 29.9383)
contains.

XYZ(21.3690, 24.5741, 30.0026)	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(21.3690, 24.5741,
30.0026)**

Conversions

Conversions Part 1

Format	Color
Hex	718D90
RGB	113, 141, 144
RGB Percent	44%, 55%, 56%
CMY	0.5569, 0.4470, 0.4353
CMYK	0.22, 0.02, 0.00, 0.44
HSL	186°, 12%, 50%
HSV	186°, 22%, 56%
XYZ	21.3690, 24.5741, 30.0026
YIQ	132.9700, -17.6510, -5.0030

Conversions

Conversions Part 2

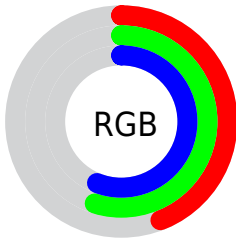
Format	Color
R_{YB}	113, 128, 144
Decimal	7441808
CIE _{Lab}	56.66, -9.15, -4.87
CIE _{LCh}	57, 10.367, 208.039
Yxy	24.5741, 0.2814, 0.3236
Android (android.graphics.Color)	4285631888 (0xFF718D90)
YUV	132.9700, 5.4378, -17.5137
Hunter-Lab	49.5723, -9.8059, -1.1835

Details

The XYZ color **21.3690, 24.5741, 30.0026** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.7279, 19.6124, 18.3164**, and the grayscale version is **22.2694, 23.4292, 25.5144**.

A 20% lighter version of the original color is **45.2252, 51.1068, 60.9071**, and **7.8758, 9.3803, 11.9852** is the 20% darker color. If you saturate the color by 10%, you get **19.4575, 23.2864, 29.8552**, and if you desaturate by 10%, it is **23.5785, 26.0206, 30.1657**.

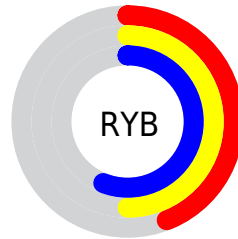
Distribution



Red (44%)

Green (55%)

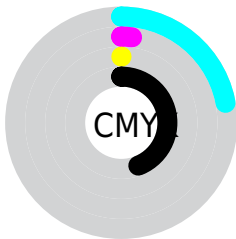
Blue (56%)



Red (44%)

Yellow (50%)

Blue (56%)

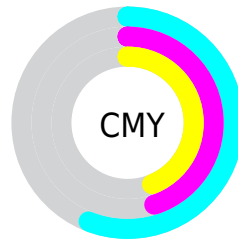


Cyan (22%)

Magenta (2%)

Yellow (0%)

Black (44%)



Cyan (56%)

Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3690, 24.5741, 30.0026 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 21.3690, 24.5741, 30.0026 by changing the saturation by 10% instead.

■ 21.3690, 24.5741,
30.0026

■ 21.3690, 24.5741,
30.0026

251.9278,
275.7102, 316.1243

■ 13.5080, 15.7600,
19.5885

■ 45.1875, 50.9654,
60.7273

■ 7.8587, 9.3545,
11.9152

■ 61.8757, 69.3115,
81.8751

■ 4.0557, 4.9731,
6.5641

■ 82.2371, 91.6037,
107.4377

■ 1.7337, 2.2315,
3.1167

■ 106.6369,
118.2264, 137.8339

■ 0.4772, 0.7371,
1.1546

135.4405,
149.5640, 173.4821

■ 0.0000, 0.0000,
0.0000

169.0133,

186.0009, 214.8008

207.7206,
227.9215, 262.2087

■ 21.3690, 24.5741,
30.0026

■ 21.3690, 24.5741,
30.0026

■ 19.4575, 23.2864,
29.8552

■ 23.5785, 26.0206,
30.1657

■ 17.8281, 22.1472,
29.7212

■ 26.0967, 27.6294,
30.3436

■ 16.4664, 21.1499,
29.6005

■ 28.9367, 29.4079,
30.5372

■ 15.3561, 20.2860,
29.4922

■ 32.1098, 31.3621,
30.7471

■ 14.4792, 19.5462,
29.3956

■ 35.6269, 33.4975,
30.9739

■ 13.8149, 18.9197,
29.3097

■ 39.4986, 35.8196,
31.2181

■ 13.3390, 18.3942,
29.2334

■ 43.7348, 38.3336,
31.4800

■ 13.0266, 17.9986,
29.1735

■ 48.3451, 41.0443,
31.7603

■ 53.3387, 43.9565,
32.0592

Harmonies

Analogous

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



21.1147, 24.5741, 26.5304



21.3690, 24.5741, 30.0026



22.1506, 24.5741, 32.7976

Triad

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



21.3690, 24.5741, 30.0026



25.3805, 24.5741, 30.4295



23.4364, 24.5741, 20.6522

Complementary

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



21.3690, 24.5741, 30.0026



20.7279, 19.6124, 18.3164

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.



24.6063, 24.5741, 21.5078



21.3690, 24.5741, 30.0026



25.7525, 24.5741, 26.9849

Square

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



21.3690, 24.5741, 30.0026



24.4643, 24.5741, 33.0586



25.4645, 24.5741, 23.7544



22.2835, 24.5741, 21.3119

Rectangle

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



21.3690, 24.5741, 30.0026



22.8796, 24.5741, 33.7957



25.4645, 24.5741, 23.7544



23.8409, 24.5741, 20.7705

Sweetspot

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



21.3697, 24.5751, 30.0032



43.9174, 47.3904, 53.3706



19.9120, 24.7090, 20.1166



10.0136, 10.8309, 12.2350



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.3697, 24.5751, 30.0032



35.9384, 42.1724, 52.7840



19.2948, 20.4253, 29.3115



5.5163, 6.0284, 6.9016



11.3530, 15.6919, 25.4076



0.1169, 0.1668, 0.2457

Inverse Universe

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



22.2151, 19.6632, 27.8250



37.7277, 31.9190, 48.1413



22.6102, 23.3770, 18.9438



5.6041, 5.5022, 6.6791



13.5336, 6.5704, 18.9929



0.1336, 0.0645, 0.2038

Previews

White Background



This preview shows how the XYZ color 21.3690, 24.5741, 30.0026 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 21.3690, 24.5741, 30.0026 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

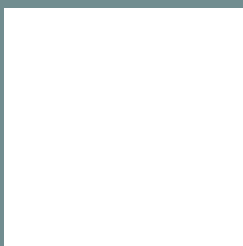
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3690, 24.5741, 30.0026

Background



This preview shows how black text looks on a background with the XYZ color 21.3690, 24.5741, 30.0026.



This preview shows how white text looks on a background with the XYZ color 21.3690, 24.5741,

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

21.3690, 24.5741, 30.0026

Protanopia

23.7141, 24.5398, 28.2977

Deuteranopia

24.9412, 24.5071, 30.6099



Tritanopia

21.9034, 24.5679, 32.8658

Trichromacy



Original Color

21.3690, 24.5741, 30.0026

Protanomaly

22.6555, 24.4036, 28.7156

Deuteranomaly

23.4477, 24.3588, 30.2540

Tritanomaly

21.6628, 24.4717, 31.5987

Monochromacy



Original Color

21.3690, 24.5741, 30.0026

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.9237, 23.8501, 27.1149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3690, 24.5741, 30.0026 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, 141, 144)` looks like.

```
.text, #text, p{  
    color:rgb(113, 141, 144)  
}
```

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, 141, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 141, 144) }
```

Border

The CSS property to change the border of an element to XYZ 21.3690, 24.5741, 30.0026 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, 141, 144) }
```


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

```
.border{ border-color:rgb(113, 141, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 141, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 141, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 141, 144);  
box-shadow:4px 4px 4px 4px rgb(113, 141,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3690, 24.5741, 30.0026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 141, 144) }
```

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

```
.background{ background-color: rgb(113,  
141, 144) }
```

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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