

Converting Colors

XYZ(21.4074, 24.4865, 27.4327)

Have a look what the booklet for
XYZ(21.4074, 24.4865, 27.4327)
contains.

XYZ(21.3647, 24.4139, 27.2532)	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(21.3647, 24.4139,
27.2532)**

Conversions

Conversions Part 1

Format	Color
Hex	768C89
RGB	118, 140, 137
RGB Percent	46%, 55%, 54%
CMY	0.5372, 0.4510, 0.4627
CMYK	0.16, 0.00, 0.02, 0.45
HSL	172°, 9%, 51%
HSV	172°, 16%, 55%
XYZ	21.3647, 24.4139, 27.2532
YIQ	133.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

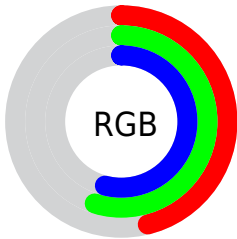
Format	Color
R_{YB}	118, 130, 140
Decimal	7769225
CIE _{Lab}	56.50, -8.49, -1.04
CIE _{LCh}	56, 8.552, 187.001
Yxy	24.4139, 0.2925, 0.3343
Android (android.graphics.Color)	4285959305 (0xFF768C89)
YUV	133.0800, 1.9326, -13.2252
Hunter-Lab	49.4104, -9.2862, 1.8848

Details

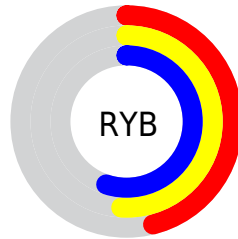
The XYZ color **21.3647, 24.4139, 27.2532** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.7458, 19.9135, 20.8406**, and the grayscale version is **22.3204, 23.4828, 25.5728**.

A 20% lighter version of the original color is **45.1636, 50.8473, 56.1493**, and **7.8307, 9.2657, 10.3926** is the 20% darker color. If you saturate the color by 10%, you get **19.4672, 23.4520, 26.4558**, and if you desaturate by 10%, it is **23.5483, 25.5243, 28.0777**.

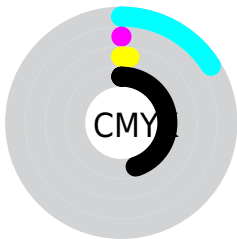
Distribution



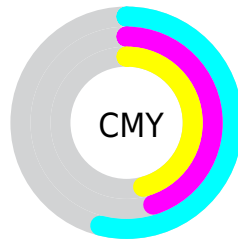
- Red (46%)
- Green (55%)
- Blue (54%)



- Red (46%)
- Yellow (51%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (45%)



- Cyan (54%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3647, 24.4139, 27.2532 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 21.3647, 24.4139, 27.2532 by changing the saturation by 10% instead.

■ 21.3647, 24.4139,
27.2532

■ 21.3647, 24.4139,
27.2532

251.9056,
274.9064, 302.6799

■ 13.5048, 15.6409,
17.5294

■ 45.1804, 50.7048,
56.2986

■ 7.8565, 9.2704,
10.4467

■ 61.8670, 68.9915,
76.4572

■ 4.0543, 4.9180,
5.5867

■ 82.2265, 91.2183,
100.9311

■ 1.7329, 2.1992,
2.5307

106.6243,
117.7694, 130.1390

■ 0.4767, 0.7196,
0.8564

135.4257,
149.0294, 164.4992

■ 0.0000, 0.0000,
0.0000

168.9962,

185.3827, 204.4304

207.7010,
227.2135, 250.3511

■ 21.3647, 24.4139,
27.2532

■ 21.3647, 24.4139,
27.2532

■ 19.4672, 23.4520,
26.4558

■ 23.5483, 25.5243,
28.0777

■ 17.8412, 22.6292,
25.6832

■ 26.0275, 26.7861,
28.9282

■ 16.4741, 21.9396,
24.9352

■ 28.8139, 28.2060,
29.8060

■ 15.3516, 21.3758,
24.2112

■ 31.9180, 29.7894,
30.7114

■ 14.4576, 20.9295,
23.5103

■ 35.3498, 31.5414,
31.6451

■ 13.7744, 20.5916,
22.8315

■ 39.1187, 33.4669,
32.6076

■ 13.2816, 20.3516,
22.1740

■ 43.2337, 35.5707,
33.5993

■ 12.9490, 20.1940,
21.5362

■ 47.7038, 37.8571,
34.6207

■ 12.8236, 20.1351,
21.2674

■ 52.5372, 40.3305,
35.6724

Harmonies

Analogous

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



21.4948, 24.4139, 24.5074



21.3647, 24.4139, 27.2532



21.7163, 24.4139, 30.0033

Triad

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



21.3647, 24.4139, 27.2532



24.3702, 24.4139, 31.1823



23.9570, 24.4139, 21.8699

Complementary

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



21.3647, 24.4139, 27.2532



20.7458, 19.9135, 20.8406

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.



24.7596, 24.4139, 23.4323



21.3647, 24.4139, 27.2532



25.0029, 24.4139, 28.7718

Square

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



21.3647, 24.4139, 27.2532



23.4377, 24.4139, 32.3740



25.1474, 24.4139, 25.9231



22.9732, 24.4139, 21.5267

Rectangle

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



21.3647, 24.4139, 27.2532



22.1825, 24.4139, 31.4260



25.1474, 24.4139, 25.9231



24.2578, 24.4139, 22.2643

Sweetspot

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



21.3654, 24.4149, 27.2537



41.7661, 45.1262, 49.5901



20.5762, 24.1519, 20.7173



9.5650, 10.3682, 11.4056



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.3654, 24.4149, 27.2537



36.3758, 42.3876, 47.5237



20.4976, 22.3299, 28.0419



5.1440, 5.6771, 6.2792



11.3990, 17.8922, 18.9239



0.0795, 0.1204, 0.1455

Inverse Universe

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



20.7458, 19.9135, 20.8406



35.0612, 32.8343, 33.9147



21.5087, 21.7294, 20.2006



5.0589, 5.0590, 5.3985



9.7198, 4.9980, 1.0287



0.0677, 0.0344, 0.0231

Previews

White Background



This preview shows how the XYZ color 21.3647, 24.4139, 27.2532 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 21.3647, 24.4139, 27.2532 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

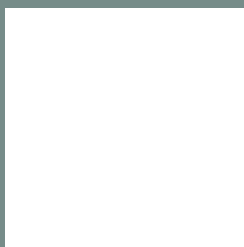
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3647, 24.4139, 27.2532

Background



This preview shows how black text looks on a background with the XYZ color 21.3647, 24.4139, 27.2532.



This preview shows how white text looks on a background with the XYZ color 21.3647, 24.4139,

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

21.3647, 24.4139, 27.2532

Protanopia

23.4483, 24.4524, 26.0382

Deuteranopia

24.8091, 24.2997, 27.8088



Tritanopia

22.2590, 24.3400, 31.9587

Trichromacy



Original Color

21.3647, 24.4139, 27.2532

Protanomaly

22.6789, 24.4659, 26.4488

Deuteranomaly

23.2659, 24.1194, 27.4740

Tritanomaly

21.9512, 24.4315, 30.3469

Monochromacy



Original Color

21.3647, 24.4139, 27.2532

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.0093, 23.9187, 26.0110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3647, 24.4139, 27.2532 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(118, 140, 137)` looks like.

```
.text, #text, p{  
    color:rgb(118, 140, 137)  
}
```

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(118, 140, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 140, 137) }
```

Border

The CSS property to change the border of an element to XYZ 21.3647, 24.4139, 27.2532 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(118, 140, 137) }
```


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

```
.border{ border-color:rgb(118, 140, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 140, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 140, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 140, 137);  
box-shadow:4px 4px 4px 4px rgb(118, 140,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3647, 24.4139, 27.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 140, 137) }
```

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

```
.background{ background-color: rgb(118,  
140, 137) }
```

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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