

Converting Colors

XYZ(21.8092, 26.4787, 33.4847)

Have a look what the booklet for
XYZ(21.8092, 26.4787, 33.4847)
contains.

XYZ(21.8944, 26.5867, 33.6835)	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(21.8944, 26.5867,
33.6835)**

Conversions

Conversions Part 1

Format	Color
Hex	669598
RGB	102, 149, 152
RGB Percent	40%, 58%, 60%
CMY	0.6000, 0.4157, 0.4039
CMYK	0.33, 0.02, 0.00, 0.40
HSL	184°, 20%, 50%
HSV	184°, 33%, 60%
XYZ	21.8944, 26.5867, 33.6835
YIQ	135.2890, -28.9750, -9.0310

Conversions

Conversions Part 2

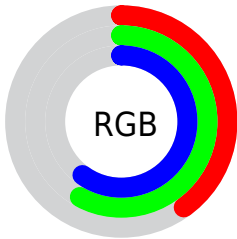
Format	Color
RYB	102, 126, 152
Decimal	6722968
CIELab	58.59, -15.00, -6.66
CIElCh	59, 16.417, 203.938
Yxy	26.5867, 0.2665, 0.3236
Android (android.graphics.Color)	4284913048 (0xFF669598)
YUV	135.2890, 8.2385, -29.1945
Hunter-Lab	51.5623, -14.4393, -2.6381

Details

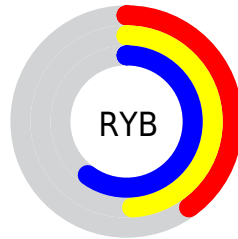
The XYZ color **21.8944, 26.5867, 33.6835** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3990, 17.7379, 14.9195**, and the grayscale version is **23.1151, 24.3189, 26.4833**.

A 20% lighter version of the original color is **46.0141, 54.1367, 66.4167**, and **8.1328, 10.4050, 13.8916** is the 20% darker color. If you saturate the color by 10%, you get **20.1838, 25.4923, 33.5629**, and if you desaturate by 10%, it is **23.9235, 27.8483, 33.8205**.

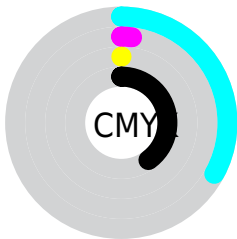
Distribution



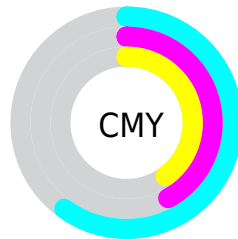
- Red (40%)
- Green (58%)
- Blue (60%)



- Red (40%)
- Yellow (49%)
- Blue (60%)



- Cyan (33%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)



- Cyan (60%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8944, 26.5867, 33.6835 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 21.8944, 26.5867, 33.6835 by changing the saturation by 10% instead.

■ 21.8944, 26.5867,
33.6835

■ 21.8944, 26.5867,
33.6835

254.6371,
285.6504, 333.4445

■ 13.8955, 17.2631,
22.3752

■ 46.0516, 54.2199,
66.5694

■ 8.1292, 10.4222,
13.9319

■ 62.9405, 73.2983,
88.9841

■ 4.2303, 5.6798,
7.9351

■ 83.5235, 96.3971,
115.9380

■ 1.8332, 2.6514,
3.9663

■ 108.1660,
123.9006, 147.8497

■ 0.5376, 0.9526,
1.6069

137.2332,
156.1933, 185.1376

■ 0.0000, 0.0000,
0.2957

171.0905,

■ 0.0000, 0.0000,

193.6596, 228.2203

0.0000

210.1034,
236.6838, 277.5164

■ 21.8944, 26.5867,
33.6835

■ 21.8944, 26.5867,
33.6835

■ 20.1838, 25.4923,
33.5629

■ 23.9235, 27.8483,
33.8205

■ 18.7722, 24.5530,
33.4560

■ 26.2849, 29.2822,
33.9728

■ 17.6414, 23.7602,
33.3625

■ 28.9941, 30.8971,
34.1418

■ 16.7702, 23.1028,
33.2816

■ 32.0651, 32.7003,
34.3279

■ 16.1346, 22.5686,
33.2120

■ 35.5113, 34.6985,
34.5320

■ 15.7059, 22.1427,
33.1523

■ 39.3451, 36.8982,
34.7545

■ 15.4731, 21.8781,
33.1135

■ 43.5784, 39.3056,
34.9961

■ 48.2229, 41.9266,
35.2572

■ 53.2893, 44.7669,
35.5384

Harmonies

Analogous

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



21.6127, 26.5867, 27.7933



21.8944, 26.5867, 33.6835



23.0590, 26.5867, 38.8668

Triad

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



21.8944, 26.5867, 33.6835



28.5300, 26.5867, 35.9771



25.6809, 26.5867, 19.2645

Complementary

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



21.8944, 26.5867, 33.6835



20.3990, 17.7379, 14.9195

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.



27.6177, 26.5867, 20.8796



21.8944, 26.5867, 33.6835



29.3179, 26.5867, 30.1351

Square

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



21.8944, 26.5867, 33.6835



26.8732, 26.5867, 40.3092



28.9756, 26.5867, 24.6792



23.7316, 26.5867, 19.9520

Rectangle

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



21.8944, 26.5867, 33.6835



24.2139, 26.5867, 40.9620



28.9756, 26.5867, 24.6792



26.3561, 26.5867, 19.5485

Sweetspot

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



21.8952, 26.5878, 33.6841



47.6241, 52.4228, 60.0422



19.2323, 26.2914, 17.2918



10.6893, 11.8341, 13.6383



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.8952, 26.5878, 33.6841



36.5147, 45.5717, 59.3054



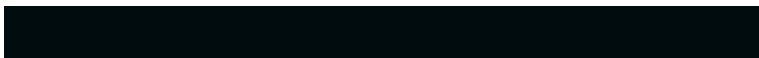
18.4179, 19.6332, 32.5250



6.3529, 6.9631, 7.9382



12.9818, 18.3602, 27.7674



0.2023, 0.2910, 0.4179

Inverse Universe

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



23.1257, 18.3486, 30.7578



39.0331, 28.9564, 53.2609



23.2639, 23.4677, 15.8744



6.4452, 6.3172, 7.7247



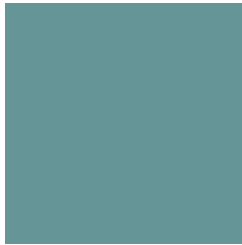
15.0114, 7.2588, 22.3826



0.2286, 0.1102, 0.3566

Previews

White Background



This preview shows how the XYZ color 21.8944, 26.5867, 33.6835 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 21.8944, 26.5867, 33.6835 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

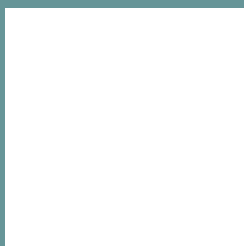
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8944, 26.5867, 33.6835

Background



This preview shows how black text looks on a background with the XYZ color 21.8944, 26.5867, 33.6835.

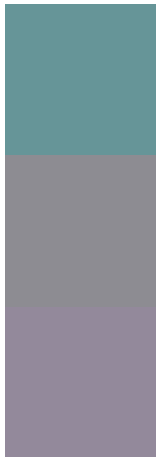


This preview shows how white text looks on a background with the XYZ color 21.8944, 26.5867,

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

21.8944, 26.5867, 33.6835

Protanopia

25.5509, 26.4942, 30.9613

Deuteranopia

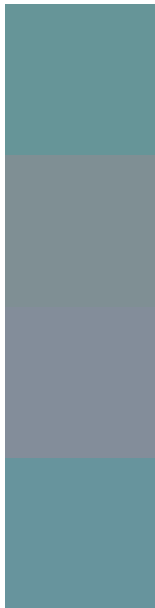
26.8947, 26.4609, 34.7003



Tritanopia

22.6440, 26.6609, 37.2103

Trichromacy



Original Color

21.8944, 26.5867, 33.6835

Protanomaly

23.9202, 26.2951, 31.8317

Deuteranomaly

24.7177, 26.2081, 34.3278

Tritanomaly

22.2692, 26.4977, 35.8391

Monochromacy



Original Color

21.8944, 26.5867, 33.6835

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.3542, 24.8902, 28.8254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8944, 26.5867, 33.6835 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(102, 149, 152)` looks like.

```
.text, #text, p{  
    color:rgb(102, 149, 152)  
}
```

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(102, 149, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 149, 152) }
```

Border

The CSS property to change the border of an element to XYZ 21.8944, 26.5867, 33.6835 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(102, 149, 152) }
```


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

```
.border{ border-color:rgb(102, 149, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 149, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 149, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 149, 152);  
box-shadow:4px 4px 4px 4px rgb(102, 149,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8944, 26.5867, 33.6835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 149, 152) }
```

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

```
.background{ background-color: rgb(102,  
149, 152) }
```

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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