

Converting Colors

XYZ(21.1832, 24.0772, 34.7843)

Have a look what the booklet for
XYZ(21.1832, 24.0772, 34.7843)
contains.

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Color

**XYZ(21.3227, 24.2206,
35.0037)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8C9C
RGB	106, 140, 156
RGB Percent	42%, 55%, 61%
CMY	0.5843, 0.4510, 0.3882
CMYK	0.32, 0.10, 0.00, 0.39
HSL	199°, 20%, 51%
HSV	199°, 32%, 61%
XYZ	21.3227, 24.2206, 35.0037
YIQ	131.6580, -25.4000, -2.2320

Conversions

Conversions Part 2

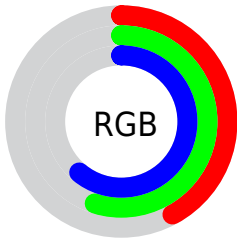
Format	Color
RYB	106, 126, 156
Decimal	6982812
CIELab	56.31, -7.86, -12.34
CIElCh	56, 14.631, 237.502
Yxy	24.2206, 0.2647, 0.3007
Android (android.graphics.Color)	4285172892 (0xFF6A8C9C)
YUV	131.6580, 12.0006, -22.5021
Hunter-Lab	49.2144, -8.7881, -7.7198

Details

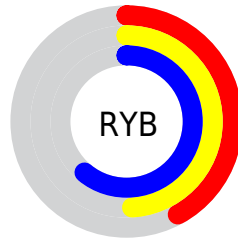
The XYZ color **21.3227, 24.2206, 35.0037** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.2718, 22.0280, 16.6616**, and the grayscale version is **21.7744, 22.9084, 24.9472**.

A 20% lighter version of the original color is **45.2227, 50.6076, 68.3575**, and **7.8369, 9.1730, 14.7221** is the 20% darker color. If you saturate the color by 10%, you get **18.9220, 21.9252, 34.6876**, and if you desaturate by 10%, it is **24.0952, 26.7580, 35.3477**.

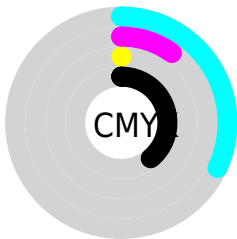
Distribution



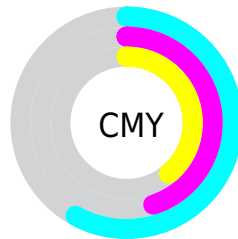
- Red (42%)
- Green (55%)
- Blue (61%)



- Red (42%)
- Yellow (49%)
- Blue (61%)



- Cyan (32%)
- Magenta (10%)
- Yellow (0%)
- Black (39%)



- Cyan (58%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3227, 24.2206, 35.0037 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 21.3227, 24.2206, 35.0037 by changing the saturation by 10% instead.

■ 21.3227, 24.2206,
35.0037

■ 21.3227, 24.2206,
35.0037

251.6879,
273.9339, 339.4894

■ 13.4739, 15.4973,
23.3821

■ 45.1112, 50.3899,
68.6431

■ 7.8349, 9.1692,
14.6680

■ 61.7816, 68.6048,
91.4981

■ 4.0404, 4.8517,
8.4427

■ 82.1233, 90.7524,
118.9346

■ 1.7250, 2.1605,
4.2877

■ 106.5016,
117.2170, 151.3712

■ 0.4719, 0.6983,
1.7845

135.2819,
148.3830, 189.2265

■ 0.0000, 0.0000,
0.4177

168.8294,

■ 0.0000, 0.0000,

184.6349, 232.9189

0.0000

207.5096,
226.3571, 282.8670

■ 21.3227, 24.2206,
35.0037

■ 21.3227, 24.2206,
35.0037

■ 18.9220, 21.9252,
34.6876

■ 24.0952, 26.7580,
35.3477

■ 16.8722, 19.8586,
34.3967

■ 27.2547, 29.5440,
35.7190

■ 15.1536, 18.0105,
34.1306

■ 30.8181, 32.5887,
36.1189

■ 13.7433, 16.3686,
33.8880

■ 34.8007, 35.9004,
36.5482

■ 12.6155, 14.9187,
33.6676

■ 39.2168, 39.4873,
37.0077

■ 11.7397, 13.6446,
33.4678

■ 44.0802, 43.3568,
37.4983

■ 11.1635, 12.7257,
33.3208

■ 49.4040, 47.5165,
38.0206

■ 55.2007, 51.9733,
38.5753

■ 61.4824, 56.7339,
39.1632

Harmonies

Analogous

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



20.2634, 24.2206, 30.8962



21.3227, 24.2206, 35.0037



22.8800, 24.2206, 36.7782

Triad

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



21.3227, 24.2206, 35.0037



26.4141, 24.2206, 26.7788



21.5561, 24.2206, 18.9641

Complementary

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



21.3227, 24.2206, 35.0037



23.2718, 22.0280, 16.6616

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.



23.1625, 24.2206, 18.1412



21.3227, 24.2206, 35.0037



26.0180, 24.2206, 22.3127

Square

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



21.3227, 24.2206, 35.0037



25.8650, 24.2206, 31.6817



24.8071, 24.2206, 19.2907



20.3935, 24.2206, 21.6916

Rectangle

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



21.3227, 24.2206, 35.0037



24.0098, 24.2206, 36.2551



24.8071, 24.2206, 19.2907



22.0597, 24.2206, 18.4713

Sweetspot

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



21.3234, 24.2216, 35.0043



50.6443, 54.6480, 65.0056



21.3354, 28.2426, 22.6858



10.9669, 11.8719, 14.2839



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.3234, 24.2216, 35.0043



35.7335, 41.1504, 63.1862



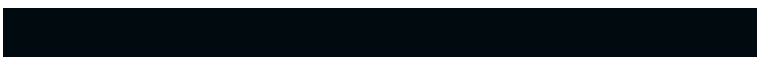
18.0950, 17.7647, 33.9281



6.6427, 7.1512, 8.4369



9.2274, 10.5463, 27.4565



0.2013, 0.2612, 0.5030

Inverse Universe

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



23.5986, 19.2701, 27.2876



40.5807, 31.1447, 46.6241



26.7201, 28.9247, 17.8111



6.8138, 6.7184, 7.8704



13.4558, 6.6869, 11.9169



0.2589, 0.1269, 0.3097

Previews

White Background



This preview shows how the XYZ color 21.3227, 24.2206, 35.0037 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 21.3227, 24.2206, 35.0037 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

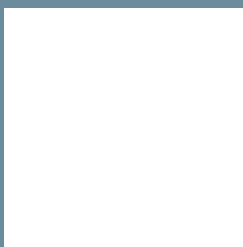
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3227, 24.2206, 35.0037

Background



This preview shows how black text looks on a background with the XYZ color 21.3227, 24.2206, 35.0037.



This preview shows how white text looks on a background with the XYZ color 21.3227, 24.2206,

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

21.3227, 24.2206, 35.0037

Protanopia

23.7083, 24.2227, 33.1317

Deuteranopia

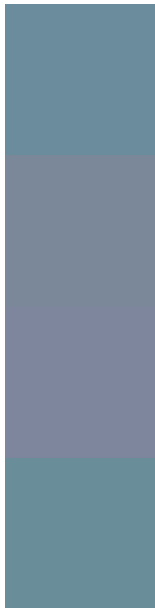
24.6044, 24.0196, 35.6872



Tritanopia

21.0181, 24.3200, 33.2922

Trichromacy



Original Color

21.3227, 24.2206, 35.0037

Protanomaly

22.7223, 24.1192, 33.5949

Deuteranomaly

23.2151, 23.9201, 35.2918

Tritanomaly

21.1003, 24.3529, 33.7255

Monochromacy



Original Color

21.3227, 24.2206, 35.0037

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.6401, 23.4620, 28.5874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3227, 24.2206, 35.0037 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(106, 140, 156)` looks like.

```
.text, #text, p{  
    color:rgb(106, 140, 156)  
}
```

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(106, 140, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 140, 156) }
```

Border

The CSS property to change the border of an element to XYZ 21.3227, 24.2206, 35.0037 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(106, 140, 156) }
```


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

```
.border{ border-color:rgb(106, 140, 156) }
```

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

Here you see how a box with a 4 pixel rgb(106, 140, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 140, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 140, 156);  
box-shadow:4px 4px 4px 4px rgb(106, 140,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3227, 24.2206, 35.0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 140, 156) }
```

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

```
.background{ background-color: rgb(106,  
140, 156) }
```

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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