

Converting Colors

XYZ(21.6830, 25.1434, 33.8477)

Have a look what the booklet for
XYZ(21.6830, 25.1434, 33.8477)
contains.

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Color

**XYZ(21.6356, 25.0706,
33.8358)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8F99
RGB	107, 143, 153
RGB Percent	42%, 56%, 60%
CMY	0.5804, 0.4392, 0.4000
CMYK	0.30, 0.07, 0.00, 0.40
HSL	193°, 18%, 51%
HSV	193°, 30%, 60%
XYZ	21.6356, 25.0706, 33.8358
YIQ	133.3760, -24.6660, -4.5220

Conversions

Conversions Part 2

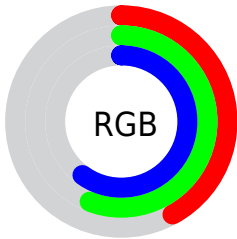
Format	Color
RYB	107, 127, 153
Decimal	7049113
CIELab	57.14, -9.99, -9.36
CIELCh	57, 13.685, 223.138
Yxy	25.0706, 0.2686, 0.3113
Android (android.graphics.Color)	4285239193 (0xFF6B8F99)
YUV	133.3760, 9.6746, -23.1318
Hunter-Lab	50.0706, -10.4932, -5.0166

Details

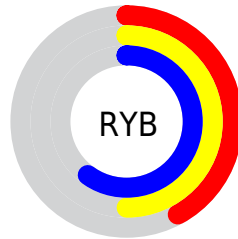
The XYZ color **21.6356, 25.0706, 33.8358** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.1523, 20.5566, 16.7107**, and the grayscale version is **22.4042, 23.5710, 25.6688**.

A 20% lighter version of the original color is **45.7259, 51.9111, 66.6413**, and **8.0000, 9.6579, 14.0129** is the 20% darker color. If you saturate the color by 10%, you get **19.4647, 23.2219, 33.5938**, and if you desaturate by 10%, it is **24.1483, 27.1187, 34.0991**.

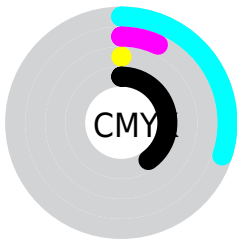
Distribution



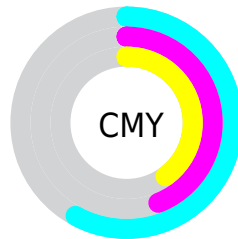
- Red (42%)
- Green (56%)
- Blue (60%)



- Red (42%)
- Yellow (50%)
- Blue (60%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (40%)



- Cyan (58%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6356, 25.0706, 33.8358 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 21.6356, 25.0706, 33.8358 by changing the saturation by 10% instead.

■ 21.6356, 25.0706,
33.8358

■ 21.6356, 25.0706,
33.8358

253.3056,
278.1894, 334.1460

■ 13.7045, 16.1297,
22.4911

■ 45.6263, 51.7717,
66.8092

■ 7.9957, 9.6160,
14.0165

■ 62.4167, 70.3007,
89.2751

■ 4.1440, 5.1451,
7.9932

■ 82.8908, 92.7945,
116.2850

■ 1.7839, 2.3326,
4.0029

■ 107.4140,
119.6375, 148.2577

■ 0.5080, 0.7909,
1.6269

136.3518,
151.2141, 185.6116

■ 0.0000, 0.0000,
0.3099

170.0694,

■ 0.0000, 0.0000,

187.9087, 228.7653

0.0000

208.9322,
230.1056, 278.1372

■ 21.6356, 25.0706,
33.8358

■ 21.6356, 25.0706,
33.8358

■ 19.4647, 23.2219,
33.5938

■ 24.1483, 27.1187,
34.0991

■ 17.6161, 21.5605,
33.3705

■ 27.0166, 29.3717,
34.3828

■ 16.0717, 20.0774,
33.1657

■ 30.2561, 31.8385,
34.6882

■ 14.8105, 18.7618,
32.9782

■ 33.8811, 34.5265,
35.0160

■ 13.8089, 17.6013,
32.8070

■ 37.9049, 37.4427,
35.3668

■ 13.0392, 16.5813,
32.6507

■ 42.3401, 40.5939,
35.7413

■ 12.4357, 15.6716,
32.5069

■ 47.1989, 43.9866,
36.1400

■ 52.4928, 47.6268,
36.5636

■ 58.2332, 51.5205,
37.0127

Harmonies

Analogous

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



20.9331, 25.0706, 29.3677



21.6356, 25.0706, 33.8358



22.9401, 25.0706, 36.7158

Triad

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



21.6356, 25.0706, 33.8358



26.9234, 25.0706, 29.9573



23.1305, 25.0706, 19.5260

Complementary

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



21.6356, 25.0706, 33.8358



22.1523, 20.5566, 16.7107

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.



24.7403, 25.0706, 19.6458



21.6356, 25.0706, 33.8358



26.9801, 25.0706, 25.3272

Square

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



21.6356, 25.0706, 33.8358



26.0141, 25.0706, 34.3092



26.1655, 25.0706, 21.6611



21.7696, 25.0706, 21.3130

Rectangle

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



21.6356, 25.0706, 33.8358



23.9991, 25.0706, 37.1669



26.1655, 25.0706, 21.6611



23.6594, 25.0706, 19.3512

Sweetspot

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



21.6364, 25.0716, 33.8364



48.8702, 52.9768, 61.6218



20.6641, 27.1923, 20.9794



10.6281, 11.5719, 13.5909



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.



21.6364, 25.0716, 33.8364



36.0967, 42.6596, 60.3036



18.5342, 18.8672, 32.8023



6.2706, 6.7986, 7.9107



10.3028, 13.0022, 26.8744



0.1794, 0.2450, 0.4102

Inverse Universe

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



23.3531, 19.2714, 28.4766



39.7366, 30.8167, 48.8374



25.1644, 26.5808, 17.7147



6.4037, 6.3006, 7.5061



13.6591, 6.7179, 15.2618



0.2170, 0.1055, 0.2955

Previews

White Background



This preview shows how the XYZ color 21.6356, 25.0706, 33.8358 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 21.6356, 25.0706, 33.8358 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 21.6356, 25.0706, 33.8358

Background



This preview shows how black text looks on a background with the XYZ color 21.6356, 25.0706, 33.8358.



This preview shows how white text looks on a background with the XYZ color 21.6356, 25.0706,

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

21.6356, 25.0706, 33.8358

Protanopia

24.3823, 25.0125, 31.9766

Deuteranopia

25.2884, 24.8043, 34.4652



Tritanopia

21.7186, 25.1038, 34.2727

Trichromacy



Original Color

21.6356, 25.0706, 33.8358

Protanomaly

23.1951, 25.0272, 32.4624

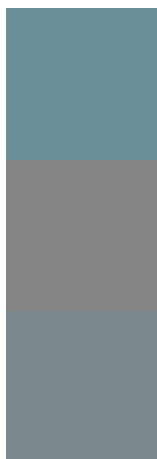
Deuteranomaly

23.8317, 24.8915, 34.1203

Tritanomaly

21.7186, 25.1038, 34.2727

Monochromacy



Original Color

21.6356, 25.0706, 33.8358

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.9915, 24.0699, 28.2978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6356, 25.0706, 33.8358 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(107, 143, 153)` looks like.

```
.text, #text, p{  
    color:rgb(107, 143, 153)  
}
```

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(107, 143, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 143, 153) }
```

Border

The CSS property to change the border of an element to XYZ 21.6356, 25.0706, 33.8358 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(107, 143, 153) }
```


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

```
.border{ border-color:rgb(107, 143, 153) }
```

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

Here you see how a box with a 4 pixel rgb(107, 143, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 143, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 143, 153);  
box-shadow:4px 4px 4px 4px rgb(107, 143,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6356, 25.0706, 33.8358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 143, 153) }
```

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

```
.background{ background-color: rgb(107,  
143, 153) }
```

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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