

Converting Colors

XYZ(21.4189, 22.7074, 32.2986)

Have a look what the booklet for
XYZ(21.4189, 22.7074, 32.2986)
contains.

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Color

**XYZ(21.3640, 22.6265,
32.0955)**

Conversions

Conversions Part 1

Format	Color
Hex	778496
RGB	119, 132, 150
RGB Percent	47%, 52%, 59%
CMY	0.5333, 0.4823, 0.4118
CMYK	0.21, 0.12, 0.00, 0.41
HSL	215°, 13%, 53%
HSV	215°, 21%, 59%
XYZ	21.3640, 22.6265, 32.0955
YIQ	130.1650, -13.5260, 2.8420

Conversions

Conversions Part 2

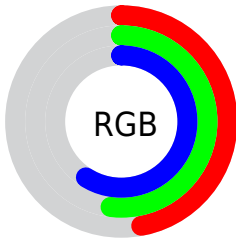
Format	Color
R_YB	119, 128, 150
Decimal	7832726
CIE Lab	54.69, -0.67, -11.23
CIE LCh	55, 11.253, 266.581
Yxy	22.6265, 0.2808, 0.2974
Android (android.graphics.Color)	4286022806 (0xFF778496)
YUV	130.1650, 9.7787, -9.7917
Hunter-Lab	47.5673, -3.0728, -6.7081

Details

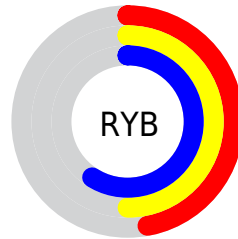
The XYZ color **21.3640, 22.6265, 32.0955** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8532, 25.7071, 21.1052**, and the grayscale version is **21.2469, 22.3534, 24.3429**.

A 20% lighter version of the original color is **45.2613, 47.8282, 63.9730**, and **7.8712, 8.3895, 13.0089** is the 20% darker color. If you saturate the color by 10%, you get **18.3337, 19.3842, 31.6298**, and if you desaturate by 10%, it is **24.8193, 26.2354, 32.6103**.

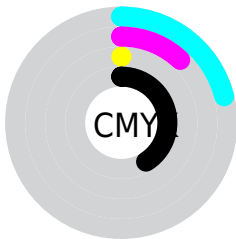
Distribution



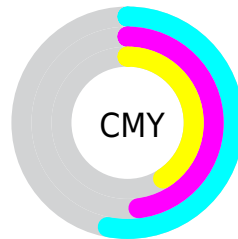
- Red (47%)
- Green (52%)
- Blue (59%)



- Red (47%)
- Yellow (50%)
- Blue (59%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (41%)



- Cyan (53%)
- Magenta (48%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3640, 22.6265, 32.0955 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 21.3640, 22.6265, 32.0955 by changing the saturation by 10% instead.

■ 21.3640, 22.6265,
32.0955

■ 21.3640, 22.6265,
32.0955

251.9019,
265.8008, 326.0602

■ 13.5043, 14.3180,
21.1690

■ 45.1793, 47.7793,
64.0604

■ 7.8561, 8.3421,
13.0552

■ 61.8656, 65.3924,
85.9360

■ 4.0540, 4.3147,
7.3354

■ 82.2248, 86.8757,
112.2982

■ 1.7328, 1.8511,
3.5911

106.6223,
112.6138, 143.5659

■ 0.4766, 0.5187,
1.4038

135.4234,
142.9909, 180.1573

■ 0.0000, 0.0000,
0.1447

168.9934,

■ 0.0000, 0.0000,

178.3915, 222.4912

0.0000

207.6978,
219.2000, 270.9859

■ 21.3640, 22.6265,
32.0955

■ 21.3640, 22.6265,
32.0955

■ 18.3337, 19.3842,
31.6298

■ 24.8193, 26.2354,
32.6103

■ 15.7086, 16.4931,
31.2101

■ 28.7139, 30.2200,
33.1742

■ 13.4706, 13.9406,
30.8354

■ 33.0642, 34.5926,
33.7889

■ 11.5990, 11.7124,
30.5039

■ 37.8849, 39.3641,
34.4558

■ 10.0714, 9.7926,
30.2139

■ 43.1903, 44.5448,
35.1762

■ 8.8622, 8.1641,
29.9633

■ 48.9937, 50.1449,
35.9512

■ 7.9421, 6.8072,
29.7498

■ 55.3082, 56.1738,
36.7821

■ 7.2778, 5.7475,
29.5803

■ 62.1462, 62.6409,
37.6700

■ 69.5199, 69.5552,
38.6159

Harmonies

Analogous

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



20.2200, 22.6265, 30.7825



21.3640, 22.6265, 32.0955



22.5897, 22.6265, 31.2571

Triad

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



21.3640, 22.6265, 32.0955



23.7079, 22.6265, 21.7073



19.5777, 22.6265, 21.0658

Complementary

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



21.3640, 22.6265, 32.0955



24.8532, 25.7071, 21.1052

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.



20.4571, 22.6265, 19.0236



21.3640, 22.6265, 32.0955



22.8450, 22.6265, 19.3683

Square

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



21.3640, 22.6265, 32.0955



23.9731, 22.6265, 25.0457



21.6482, 22.6265, 18.4330



19.2139, 22.6265, 24.2316

Rectangle

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



21.3640, 22.6265, 32.0955



23.2834, 22.6265, 29.6308



21.6482, 22.6265, 18.4330



19.8211, 22.6265, 20.2373

Sweetspot

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



21.3647, 22.6274, 32.0960



46.8279, 49.4135, 57.9909



22.9988, 27.5287, 27.6061



10.2919, 10.8628, 12.8391



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.3647, 22.6274, 32.0960



35.0304, 37.0906, 56.2341



19.9967, 19.4658, 31.5579



5.6874, 6.0088, 7.3298



6.0664, 4.8277, 24.5431



0.1023, 0.1152, 0.3098

Inverse Universe

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



23.3399, 21.3441, 24.7206



39.2286, 34.5419, 40.5180



26.4372, 29.4347, 21.7412



5.8957, 5.8533, 6.5568



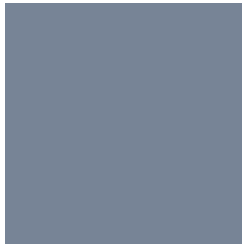
11.1891, 5.6807, 4.4770



0.1511, 0.0752, 0.1294

Previews

White Background



This preview shows how the XYZ color 21.3640, 22.6265, 32.0955 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 21.3640, 22.6265, 32.0955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

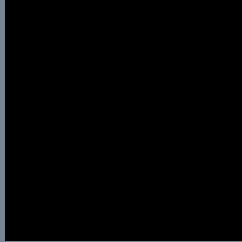
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

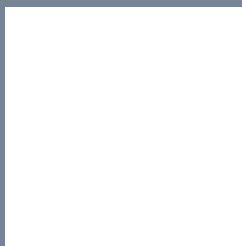
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3640, 22.6265, 32.0955

Background



This preview shows how black text looks on a background with the XYZ color 21.3640, 22.6265, 32.0955.



This preview shows how white text looks on a background with the XYZ color 21.3640, 22.6265,

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

21.3640, 22.6265, 32.0955

Protanopia

22.2300, 22.6926, 31.2254

Deuteranopia

23.0068, 22.4814, 32.4049



Tritanopia

20.8928, 22.6402, 29.6544

Trichromacy



Original Color

21.3640, 22.6265, 32.0955

Protanomaly

21.9986, 22.7625, 31.6679

Deuteranomaly

22.4894, 22.6020, 32.4555

Tritanomaly

21.0470, 22.7019, 30.4667

Monochromacy



Original Color

21.3640, 22.6265, 32.0955

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.2358, 22.4744, 26.8856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3640, 22.6265, 32.0955 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(119, 132, 150)` looks like.

```
.text, #text, p{  
    color:rgb(119, 132, 150)  
}
```

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(119, 132, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 132, 150) }
```

Border

The CSS property to change the border of an element to XYZ 21.3640, 22.6265, 32.0955 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(119, 132, 150) }
```


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

```
.border{ border-color:rgb(119, 132, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 132, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 132, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 132, 150);  
box-shadow:4px 4px 4px 4px rgb(119, 132,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3640, 22.6265, 32.0955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 132, 150) }
```

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

```
.background{ background-color: rgb(119,  
132, 150) }
```

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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