

Converting Colors

XYZ(13.4222, 13.8686, 22.8371)

Have a look what the booklet for
XYZ(13.4222, 13.8686, 22.8371)
contains.

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Color

**XYZ(13.3264, 13.7609,
22.7226)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6881
RGB	92, 104, 129
RGB Percent	36%, 41%, 51%
CMY	0.6392, 0.5921, 0.4941
CMYK	0.29, 0.19, 0.00, 0.49
HSL	221°, 17%, 43%
HSV	221°, 29%, 51%
XYZ	13.3264, 13.7609, 22.7226
YIQ	103.2620, -15.1770, 5.2310

Conversions

Conversions Part 2

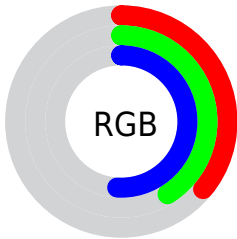
Format	Color
R_{YB}	92, 101, 129
Decimal	6056065
CIE _{Lab}	43.89, 1.62, -15.38
CIE _{LCh}	44, 15.460, 275.998
Yxy	13.7609, 0.2675, 0.2763
Android (android.graphics.Color)	4284246145 (0xFF5C6881)
YUV	103.2620, 12.6888, -9.8768
Hunter-Lab	37.0957, -0.7924, -10.3505

Details

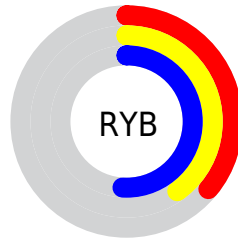
The XYZ color **13.3264, 13.7609, 22.7226** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3466, 18.1626, 12.7171**, and the grayscale version is **12.9321, 13.6056, 14.8165**.

A 20% lighter version of the original color is **31.4925, 32.6597, 48.9001**, and **3.9933, 4.0633, 8.1632** is the 20% darker color. If you saturate the color by 10%, you get **11.3134, 11.4877, 22.3902**, and if you desaturate by 10%, it is **15.6504, 16.3298, 23.0962**.

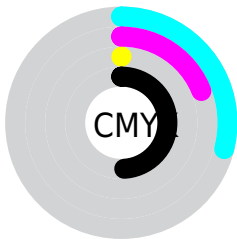
Distribution



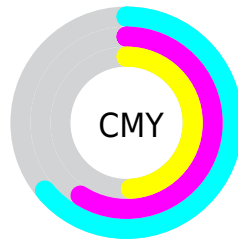
- Red (36%)
- Green (41%)
- Blue (51%)



- Red (36%)
- Yellow (40%)
- Blue (51%)



- Cyan (29%)
- Magenta (19%)
- Yellow (0%)
- Black (49%)



- Cyan (64%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3264, 13.7609, 22.7226 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 13.3264, 13.7609, 22.7226 by changing the saturation by 10% instead.

■ 13.3264, 13.7609,
22.7226

■ 13.3264, 13.7609,
22.7226

206.5946,
215.7383, 279.3726

■ 7.7322, 7.9546,
14.1854

■ 31.4853, 32.6642,
48.8548

■ 3.9745, 4.0659,
8.1095

■ 44.7807, 46.5299,
67.2870

■ 1.6877, 1.7105,
4.0763

■ 61.3740, 63.8509,
89.8546

■ 0.4485, 0.4304,
1.6673

■ 81.6304, 85.0115,
116.9761

■ 0.0000, 0.0000,
0.3382

105.9153,
110.3961, 149.0701

■ 0.0000, 0.0000,
0.0000

134.5941,

140.3892, 186.5552

168.0321,
175.3751, 229.8498

■ 13.3264, 13.7609,
22.7226

■ 13.3264, 13.7609,
22.7226

■ 11.3134, 11.4877,
22.3902

■ 15.6504, 16.3298,
23.0962

■ 9.5964, 9.4972,
22.0965

■ 18.2971, 19.2032,
23.5113

■ 8.1606, 7.7781,
21.8403

■ 21.2791, 22.3918,
23.9696

■ 6.9899, 6.3174,
21.6201

■ 24.6080, 25.9051,
24.4723

■ 6.0659, 5.1010,
21.4340

■ 28.2947, 29.7522,
25.0205

■ 5.3680, 4.1130,
21.2801

■ 32.3498, 33.9418,
25.6155

■ 4.8473, 3.3230,
21.1550

■ 36.7832, 38.4825,
26.2583

■ 4.7848, 3.2296,
21.1403

■ 41.6046, 43.3822,
26.9499

■ 46.8233, 48.6489,
27.6914

Harmonies

Analogous

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



12.1465, 13.7609, 22.0106



13.3264, 13.7609, 22.7226



14.5097, 13.7609, 21.1144

Triad

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



13.3264, 13.7609, 22.7226



15.0741, 13.7609, 11.3656



11.0479, 13.7609, 12.4090

Complementary

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



13.3264, 13.7609, 22.7226



17.3466, 18.1626, 12.7171

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.



11.7462, 13.7609, 10.1713



13.3264, 13.7609, 22.7226



14.0587, 13.7609, 9.6378

Square

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



13.3264, 13.7609, 22.7226



15.5584, 13.7609, 14.2910



12.8353, 13.7609, 9.2373



10.8787, 13.7609, 15.6975

Rectangle

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



13.3264, 13.7609, 22.7226



15.1258, 13.7609, 19.0708



12.8353, 13.7609, 9.2373



11.2263, 13.7609, 11.5260

Sweetspot

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



13.3268, 13.7614, 22.7229



32.4997, 34.1017, 42.0619



15.4555, 19.2526, 19.6289



7.2164, 7.5680, 9.4988



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.3268, 13.7614, 22.7229



21.5957, 22.0919, 40.3184



12.8450, 11.8457, 22.3785



4.2139, 4.4219, 5.4447



4.6686, 3.1558, 20.6130



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.3795, 13.3213, 14.8579



25.9103, 21.3457, 23.7462



17.9269, 20.6721, 13.1709



4.3808, 4.3655, 4.8099



9.2335, 4.7131, 2.5533



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.3264, 13.7609, 22.7226 looks on a white 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

Black Background



This preview shows how the XYZ color 13.3264, 13.7609, 22.7226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

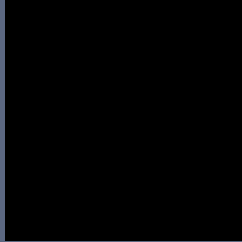
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

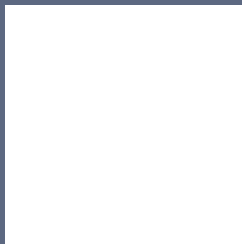
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.3264, 13.7609, 22.7226

Background



This preview shows how black text looks on a background with the XYZ color 13.3264, 13.7609, 22.7226.

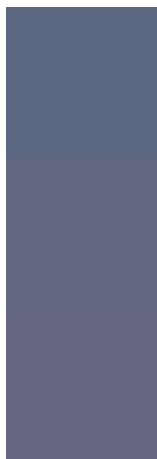


This preview shows how white text looks on a background with the XYZ color 13.3264, 13.7609,

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

13.3264, 13.7609, 22.7226

Protanopia

13.7835, 13.8557, 22.3700

Deuteranopia

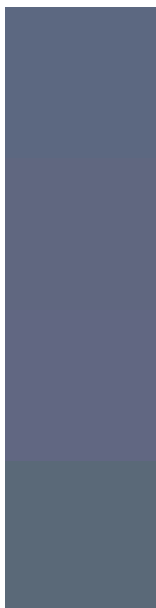
14.0362, 13.8238, 23.0476



Tritanopia

12.3684, 13.6697, 18.2063

Trichromacy



Original Color

13.3264, 13.7609, 22.7226

Protanomaly

13.5704, 13.7458, 22.3600

Deuteranomaly

13.8093, 13.8536, 23.0653

Tritanomaly

12.6582, 13.6329, 19.7335

Monochromacy



Original Color

13.3264, 13.7609, 22.7226

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.9205, 13.5230, 17.2585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3264, 13.7609, 22.7226 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(92, 104, 129) looks like.

```
.text, #text, p{  
    color:rgb(92, 104, 129)  
}
```

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(92, 104, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 104, 129) }
```

Border

The CSS property to change the border of an element to XYZ 13.3264, 13.7609, 22.7226 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(92, 104, 129) }
```


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

```
.border{ border-color:rgb(92, 104, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 104, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 104, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 104, 129);  
box-shadow:4px 4px 4px 4px rgb(92, 104,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3264, 13.7609, 22.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 104, 129) }
```

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

```
.background{ background-color: rgb(92, 104,  
129) }
```

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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