

Converting Colors

XYZ(14.7225, 16.7151, 20.4269)

Have a look what the booklet for
XYZ(14.7225, 16.7151, 20.4269)
contains.

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Color

**XYZ(14.7422, 16.6444,
20.5249)**

Conversions

Conversions Part 1

Format	Color
Hex	617579
RGB	97, 117, 121
RGB Percent	38%, 46%, 47%
CMY	0.6196, 0.5412, 0.5255
CMYK	0.20, 0.03, 0.00, 0.53
HSL	190°, 11%, 43%
HSV	190°, 20%, 47%
XYZ	14.7422, 16.6444, 20.5249
YIQ	111.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

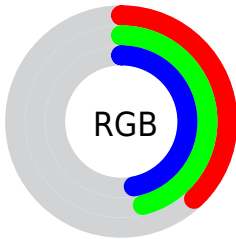
Format	Color
R_{YB}	97, 108, 121
Decimal	6387065
CIE _{Lab}	47.81, -6.39, -4.66
CIE _{LCh}	48, 7.912, 216.088
Yxy	16.6444, 0.2840, 0.3206
Android (android.graphics.Color)	4284577145 (0xFF617579)
YUV	111.4760, 4.6953, -12.6955
Hunter-Lab	40.7975, -6.8947, -1.2700

Details

The XYZ color **14.7422, 16.6444, 20.5249** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6966, 14.2354, 13.2826**, and the grayscale version is **15.2377, 16.0312, 17.4580**.

A 20% lighter version of the original color is **33.9435, 37.6890, 45.0208**, and **4.6461, 5.4154, 7.1037** is the 20% darker color. If you saturate the color by 10%, you get **13.3178, 15.5655, 20.3920**, and if you desaturate by 10%, it is **16.3694, 17.8361, 20.6694**.

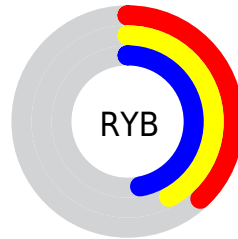
Distribution



Red (38%)

Green (46%)

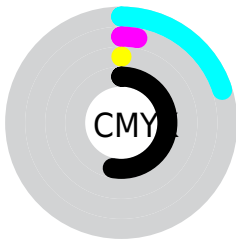
Blue (47%)



Red (38%)

Yellow (42%)

Blue (47%)

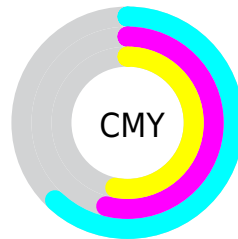


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7422, 16.6444, 20.5249 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 14.7422, 16.6444, 20.5249 by changing the saturation by 10% instead.

■ 14.7422, 16.6444,
20.5249

■ 14.7422, 16.6444,
20.5249

215.2199,
233.1147, 267.4403

■ 8.7238, 9.9813,
12.5893

■ 33.9757, 37.7134,
45.1660

■ 4.6171, 5.3865,
7.0190

■ 47.9214, 52.8880,
62.7085

■ 2.0568, 2.4758,
3.3953

■ 65.2404, 71.6686,
84.2905

■ 0.6656, 0.8645,
1.2999

■ 86.2978, 94.4395,
110.3304

■ 0.0000, 0.0000,
0.0617

111.4591,
121.5852, 141.2468

■ 0.0000, 0.0000,
0.0000

141.0897,

153.4901, 177.4582

175.5549,
190.5384, 219.3832

■ 14.7422, 16.6444,
20.5249

■ 14.7422, 16.6444,
20.5249

■ 13.3178, 15.5655,
20.3920

■ 16.3694, 17.8361,
20.6694

■ 12.0857, 14.5929,
20.2692

■ 18.2062, 19.1431,
20.8249

■ 11.0368, 13.7221,
20.1564

■ 20.2609, 20.5700,
20.9920

■ 10.1608, 12.9478,
20.0531

■ 22.5412, 22.1208,
21.1712

■ 9.4460, 12.2639,
19.9588

■ 25.0539, 23.7991,
21.3627

■ 8.8796, 11.6638,
19.8728

■ 27.8060, 25.6086,
21.5669

■ 8.4465, 11.1396,
19.7945

■ 30.8039, 27.5526,
21.7841

■ 8.0953, 10.6649,
19.7213

■ 34.0539, 29.6343,
22.0146

■ 8.0896, 10.6571,
19.7201

■ 37.5620, 31.8570,
22.2588

Harmonies

Analogous

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



14.5009, 16.6444, 18.5408



14.7422, 16.6444, 20.5249



15.2731, 16.6444, 21.9374

Triad

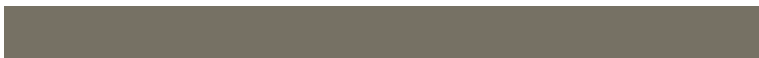
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.7422, 16.6444, 20.5249



17.1012, 16.6444, 19.7544



15.6756, 16.6444, 14.5065

Complementary

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



14.7422, 16.6444, 20.5249



14.6966, 14.2354, 13.2826

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.



16.3798, 16.6444, 14.7784



14.7422, 16.6444, 20.5249



17.2167, 16.6444, 17.7114

Square

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



14.7422, 16.6444, 20.5249



16.6379, 16.6444, 21.4697



16.9491, 16.6444, 15.9161



15.0294, 16.6444, 15.1434

Rectangle

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



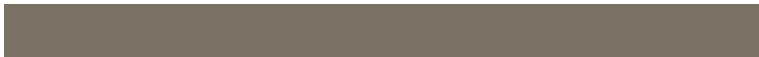
14.7422, 16.6444, 20.5249



15.7270, 16.6444, 22.3103



16.9491, 16.6444, 15.9161



15.9133, 16.6444, 14.4953

Sweetspot

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



14.7427, 16.6451, 20.5253



30.4801, 32.7771, 37.1130



14.0968, 17.1482, 14.7766



6.9336, 7.4690, 8.4829



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.7427, 16.6451, 20.5253



25.1398, 28.8609, 36.6386



13.4736, 14.1070, 20.1023



4.0530, 4.4042, 5.0797



8.6621, 11.4067, 21.1305



40.7852, 53.3430, 100.6164

Inverse Universe

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



15.3711, 13.8990, 18.7030



26.5048, 23.0095, 32.6550



15.9037, 16.6495, 13.6850



4.1272, 4.0666, 4.8674



10.9556, 5.3584, 13.5889



51.9896, 25.4522, 63.4006

Previews

White Background



This preview shows how the XYZ color 14.7422, 16.6444, 20.5249 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 14.7422, 16.6444, 20.5249 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

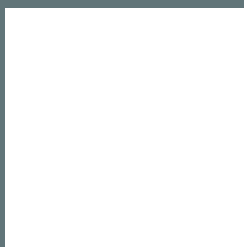
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7422, 16.6444, 20.5249

Background



This preview shows how black text looks on a background with the XYZ color 14.7422, 16.6444, 20.5249.



This preview shows how white text looks on a background with the XYZ color 14.7422, 16.6444,

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

14.7422, 16.6444, 20.5249

Protanopia

16.1146, 16.6957, 19.5128

Deuteranopia

16.8345, 16.5501, 20.7196



Tritanopia

15.0483, 16.5938, 22.1485

Trichromacy



Original Color

14.7422, 16.6444, 20.5249

Protanomaly

15.5314, 16.5547, 19.8295

Deuteranomaly

16.1001, 16.6601, 20.7795

Tritanomaly

14.9205, 16.5427, 21.4754

Monochromacy



Original Color

14.7422, 16.6444, 20.5249

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9435, 16.1122, 18.5420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7422, 16.6444, 20.5249 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(97, 117, 121) looks like.

```
.text, #text, p{  
    color:rgb(97, 117, 121)  
}
```

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(97, 117, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 117, 121) }
```

Border

The CSS property to change the border of an element to XYZ 14.7422, 16.6444, 20.5249 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(97, 117, 121) }
```


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

```
.border{ border-color:rgb(97, 117, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 117, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 117, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 117, 121);  
box-shadow:4px 4px 4px 4px rgb(97, 117,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7422, 16.6444, 20.5249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 117, 121) }
```

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

```
.background{ background-color: rgb(97, 117,  
121) }
```

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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