

Converting Colors

XYZ(52.2691, 61.5557, 72.9150)

Have a look what the booklet for
XYZ(52.2691, 61.5557, 72.9150)
contains.

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Color

**XYZ(52.3744, 61.6714,
72.7617)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D7D6
RGB	167, 215, 214
RGB Percent	65%, 84%, 84%
CMY	0.3451, 0.1568, 0.1608
CMYK	0.22, 0.00, 0.00, 0.16
HSL	179°, 38%, 75%
HSV	179°, 22%, 84%
XYZ	52.3744, 61.6714, 72.7617
YIQ	200.5340, -28.2870, -10.4870

Conversions

Conversions Part 2

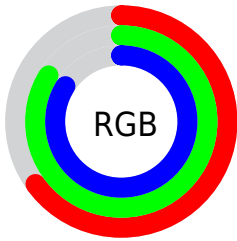
Format	Color
RYB	167, 191, 215
Decimal	10999766
CIELab	82.74, -15.68, -4.62
CIELCh	83, 16.344, 196.406
Yxy	61.6714, 0.2804, 0.3301
Android (android.graphics.Color)	4289189846 (0xFFA7D7D6)
YUV	200.5340, 6.6387, -29.4093
Hunter-Lab	78.5311, -18.3833, 0.0377

Details

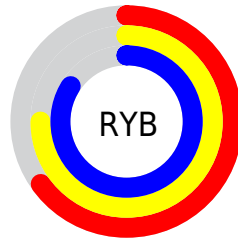
The XYZ color **52.3744, 61.6714, 72.7617** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9131, 44.9134, 43.1395**, and the grayscale version is **55.2033, 58.0781, 63.2471**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **25.7682, 31.2222, 37.4692** is the 20% darker color. If you saturate the color by 10%, you get **48.1477, 59.5007, 72.2662**, and if you desaturate by 10%, it is **57.3599, 64.2365, 73.2962**.

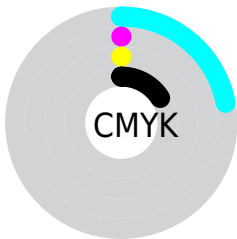
Distribution



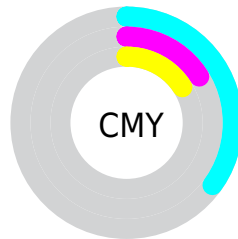
- Red (65%)
- Green (84%)
- Blue (84%)



- Red (65%)
- Yellow (75%)
- Blue (84%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (35%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3744, 61.6714, 72.7617 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 52.3744, 61.6714, 72.7617 by changing the saturation by 10% instead.


 52.3744, 61.6714,
72.7617


 52.3744, 61.6714,
72.7617


386.1806,
430.7315, 489.2371

 37.5291, 44.7672,
53.2905


 92.8541, 107.2505,
124.8566

 25.7929, 31.2741,
37.6454

 119.2192,
136.6942, 158.3174

 16.8007, 20.8077,
25.4079


150.1550,
171.0865, 197.2785

 10.1869, 12.9835,
16.1594

186.0267,
210.8119, 242.1584

 5.5863, 7.4172,
9.4815

227.1998,
256.2546, 293.3757

 2.6334, 3.7243,
4.9555

274.0395,

 0.9630, 1.5206,

307.7992, 351.3489

2.1629

326.9113,
365.8300, 416.4965

■ 0.0000, 0.3032,
0.6528

■ 0.0000, 0.0000,
0.0000

■ 52.3744, 61.6714,
72.7617

■ 52.3744, 61.6714,
72.7617

■ 48.1477, 59.5007,
72.2662

■ 57.3599, 64.2365,
73.2962

■ 44.6373, 57.6976,
71.8037

■ 63.1337, 67.2063,
73.8671

■ 41.8044, 56.2437,
71.3737

■ 69.7300, 70.6002,
74.4773

■ 39.6045, 55.1162,
70.9742

■ 77.1796, 74.4339,
75.1283

■ 37.9878, 54.2894,
70.6028

■ 77.9682, 74.8337,
75.4684

■ 36.8972, 53.7337,
70.2568

■ 78.0264, 74.8570,
75.7751

■ 36.2639, 53.4137,
69.9331

■ 78.0848, 74.8804,
76.0827

■ 35.9984, 53.2818,
69.6955

■ 78.1434, 74.9038,
76.3911

■ 78.2021, 74.9273,
76.7003

Harmonies

Analogous

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



52.2949, 61.6714, 62.7058



52.3744, 61.6714, 72.7617



54.0825, 61.6714, 82.1534

Triad

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



52.3744, 61.6714, 72.7617



63.6450, 61.6714, 81.3880



60.2184, 61.6714, 50.0508

Complementary

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



52.3744, 61.6714, 72.7617



48.9131, 44.9134, 43.1395

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.



63.3978, 61.6714, 54.0939



52.3744, 61.6714, 72.7617



65.4288, 61.6714, 71.7987

Square

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



52.3744, 61.6714, 72.7617



60.5449, 61.6714, 87.4637



65.3365, 61.6714, 61.8339



56.7301, 61.6714, 50.2530

Rectangle

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



52.3744, 61.6714, 72.7617



55.9552, 61.6714, 86.4783



65.3365, 61.6714, 61.8339



61.3615, 61.6714, 50.9397

Sweetspot

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



52.3762, 61.6739, 72.7631



88.7252, 96.7464, 108.2909



47.5538, 59.7843, 45.5936



18.8801, 20.6507, 23.1678



0.0000, 0.0000, 0.0000



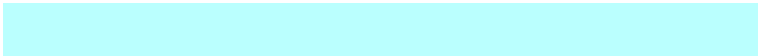
20.3446, 21.4041, 23.3091

Same Dimension

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



52.3762, 61.6739, 72.7631



73.8654, 89.1056, 106.7044



47.1856, 51.0871, 71.6667



12.7805, 14.1032, 15.9244



21.5357, 31.8696, 41.7120



1.3026, 1.9237, 2.5351

Inverse Universe

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



48.9131, 44.9134, 43.1395



67.8633, 60.0542, 55.3594



53.2853, 53.8068, 44.1377



12.4337, 12.4250, 12.9580



16.7815, 8.6489, 0.8874



1.0160, 0.5232, 0.0734

Previews

White Background



This preview shows how the XYZ color 52.3744, 61.6714, 72.7617 looks on a white background.

Color Contrast Check

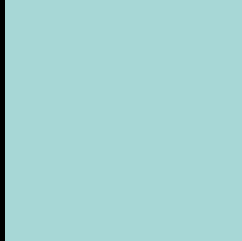
Large Text (above 18pt) WCAG AA × Fail

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 52.3744, 61.6714, 72.7617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

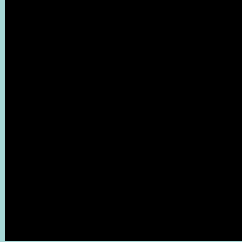
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3744, 61.6714, 72.7617

Background



This preview shows how black text looks on a background with the XYZ color 52.3744, 61.6714, 72.7617.

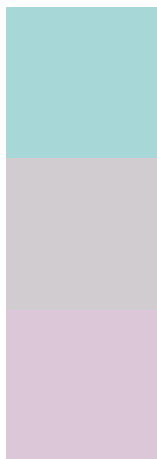


This preview shows how white text looks on a background with the XYZ color 52.3744, 61.6714,

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

52.3744, 61.6714, 72.7617

Protanopia

58.9905, 61.1497, 68.3684

Deuteranopia

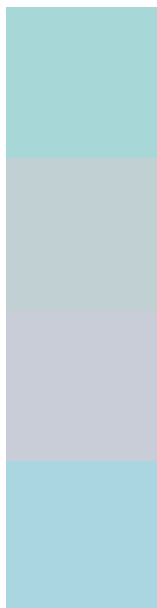
62.4630, 61.0722, 74.1416



Tritanopia

54.6547, 61.8477, 83.9201

Trichromacy



Original Color

52.3744, 61.6714, 72.7617

Protanomaly

56.1811, 61.1024, 69.8056

Deuteranomaly

58.3134, 61.0380, 73.6738

Tritanomaly

53.8633, 61.9100, 79.6319

Monochromacy



Original Color

52.3744, 61.6714, 72.7617

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.1982, 59.4177, 67.0047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3744, 61.6714, 72.7617 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(167, 215, 214)` looks like.

```
.text, #text, p{  
    color:rgb(167, 215, 214)  
}
```

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(167, 215, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 215, 214) }
```

Border

The CSS property to change the border of an element to XYZ 52.3744, 61.6714, 72.7617 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(167, 215, 214) }
```


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

```
.border{ border-color:rgb(167, 215, 214) }
```

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

Here you see how a box with a 4 pixel rgb(167, 215, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 215, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 215, 214);  
box-shadow:4px 4px 4px 4px rgb(167, 215,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3744, 61.6714, 72.7617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 215, 214) }
```

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

```
.background{ background-color: rgb(167,  
215, 214) }
```

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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