

Converting Colors

XYZ(37.1450, 47.6427, 73.2159)

Have a look what the booklet for
XYZ(37.1450, 47.6427, 73.2159)
contains.

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Color

**XYZ(37.1321, 47.6732,
72.8904)**

Conversions

Conversions Part 1

Format	Color
Hex	5CC6D9
RGB	92, 198, 217
RGB Percent	36%, 78%, 85%
CMY	0.6392, 0.2235, 0.1490
CMYK	0.58, 0.09, 0.00, 0.15
HSL	189°, 62%, 61%
HSV	189°, 58%, 85%
XYZ	37.1321, 47.6732, 72.8904
YIQ	168.4720, -69.2750, -16.5630

Conversions

Conversions Part 2

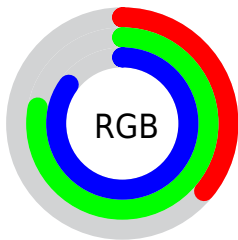
Format	Color
R _Y B	92, 149, 217
Decimal	6080217
CIE Lab	74.62, -25.08, -18.72
CIE LCh	75, 31.295, 216.737
Yxy	47.6732, 0.2355, 0.3023
Android (android.graphics.Color)	4284270297 (0xFF5CC6D9)
YUV	168.4720, 23.9243, -67.0659
Hunter-Lab	69.0458, -24.8347, -14.2593

Details

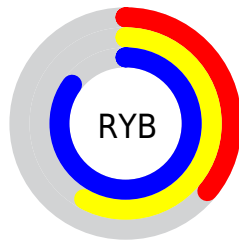
The XYZ color **37.1321, 47.6732, 72.8904** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.2327, 26.8947, 13.4082**, and the grayscale version is **37.3633, 39.3091, 42.8076**.

A 20% lighter version of the original color is **66.7589, 85.4154, 107.5760**, and **16.5825, 22.6003, 37.6707** is the 20% darker color. If you saturate the color by 10%, you get **34.5215, 45.2213, 72.5556**, and if you desaturate by 10%, it is **40.3828, 50.4815, 73.2620**.

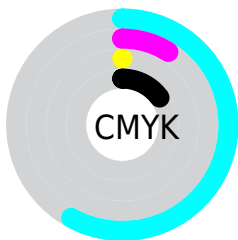
Distribution



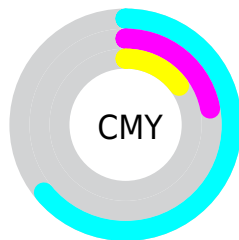
- Red (36%)
- Green (78%)
- Blue (85%)



- Red (36%)
- Yellow (58%)
- Blue (85%)



- Cyan (58%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1321, 47.6732, 72.8904 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 37.1321, 47.6732, 72.8904 by changing the saturation by 10% instead.

37.1321, 47.6732,
72.8904

37.1321, 47.6732,
72.8904

325.2277,
377.4953, 489.6955

25.4839, 33.5682,
53.3951

70.0884, 86.7176,
125.0411

16.5686, 22.5620,
37.7284

92.1273, 112.4258,
158.5335

10.0208, 14.2705,
25.4717

118.3604,
142.7705, 197.5287

5.4751, 8.3090,
16.2067

149.1532,
178.1361, 242.4453

2.5662, 4.2933,
9.5146

184.8709,
218.9070, 293.7017

0.9288, 1.8390,
4.9769

225.8790,

0.0000, 0.5113,

265.4675, 351.7165

2.1752

272.5428,
318.2022, 416.9082

■ 0.0000, 0.0000,
0.6600

■ 0.0000, 0.0000,
0.0000

■ 37.1321, 47.6732,
72.8904

■ 37.1321, 47.6732,
72.8904

■ 34.5215, 45.2213,
72.5556

■ 40.3828, 50.4815,
73.2620

■ 32.4918, 43.0922,
72.2516


■ 44.3174, 53.6658,
73.6693


■ 30.9804, 41.2542,
71.9765


■ 48.9810, 57.2506,
74.1154


■ 29.8989, 39.6619,
71.7262


■ 54.4134, 61.2565,
74.6023


 29.6689, 39.2986,
71.6682

 60.6515, 65.7028,
75.1317

 67.7299, 70.6074,
75.7053

 75.6811, 75.9872,
76.3247

 80.5249, 79.7905,
76.8035

 81.4220, 81.5847,
77.1025

Harmonies

Analogous

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



35.3335, 47.6732, 55.6541



37.1321, 47.6732, 72.8904



41.1451, 47.6732, 86.1615

Triad

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



37.1321, 47.6732, 72.8904



56.0726, 47.6732, 65.2276



44.0461, 47.6732, 26.6844

Complementary

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



37.1321, 47.6732, 72.8904



36.2327, 26.8947, 13.4082

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.



49.7511, 47.6732, 28.2014



37.1321, 47.6732, 72.8904



57.0117, 47.6732, 48.3339

Square

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



37.1321, 47.6732, 72.8904



52.1439, 47.6732, 81.1325



54.6127, 47.6732, 35.3965



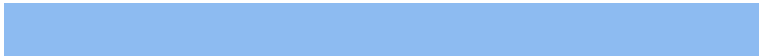
39.1045, 47.6732, 30.7087

Rectangle

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



37.1321, 47.6732, 72.8904



44.6949, 47.6732, 89.6928



54.6127, 47.6732, 35.3965



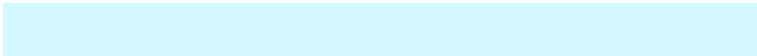
45.9346, 47.6732, 26.5788

Sweetspot

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



37.1336, 47.6750, 72.8915



78.7945, 88.5530, 107.5473



32.0833, 53.0443, 23.5161



16.5036, 18.6914, 22.9879



0.0000, 0.0000, 0.0000



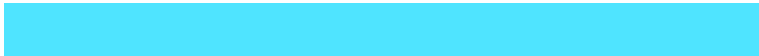
20.3446, 21.4041, 23.3091

Same Dimension

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



37.1336, 47.6750, 72.8915



49.0927, 64.5127, 104.4725



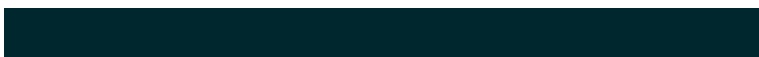
25.7085, 24.8248, 69.0832



13.2675, 14.4747, 16.7468



18.0222, 23.9139, 43.4044



1.2142, 1.6425, 2.8275

Inverse Universe

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



42.6367, 26.4847, 56.2927



58.0789, 32.4749, 76.7931



45.5398, 45.5090, 16.5106



13.5249, 13.2391, 16.0253



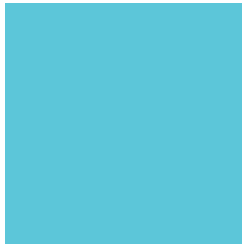
22.5921, 11.0379, 28.5619



1.4872, 0.7245, 1.9743

Previews

White Background



This preview shows how the XYZ color 37.1321, 47.6732, 72.8904 looks on a white background.

Color Contrast Check

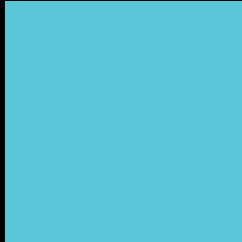
Large Text (above 18pt) WCAG AA × Fail

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 37.1321, 47.6732, 72.8904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

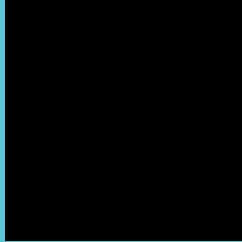
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1321, 47.6732, 72.8904

Background



This preview shows how black text looks on a background with the XYZ color 37.1321, 47.6732, 72.8904.



This preview shows how white text looks on a background with the XYZ color 37.1321, 47.6732,

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

37.1321, 47.6732, 72.8904

Protanopia

46.2549, 47.0877, 65.0435

Deuteranopia

48.0276, 46.8850, 74.9250



Tritanopia

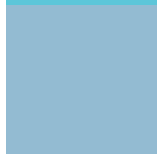
36.6461, 47.4674, 70.8490

Trichromacy



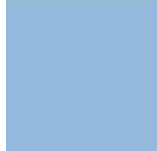
Original Color

37.1321, 47.6732, 72.8904



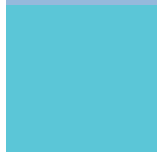
Protanomaly

41.4358, 46.3968, 67.7444



Deuteranomaly

42.6617, 46.2548, 74.3897



Tritanomaly

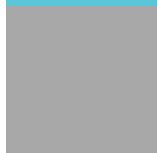
36.7742, 47.5186, 71.5238

Monochromacy



Original Color

37.1321, 47.6732, 72.8904



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

35.7982, 41.3608, 52.5510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1321, 47.6732, 72.8904 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, 198, 217)` looks like.

```
.text, #text, p{  
    color:rgb(92, 198, 217)  
}
```

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, 198, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 198, 217) }
```

Border

The CSS property to change the border of an element to XYZ 37.1321, 47.6732, 72.8904 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, 198, 217) }
```


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

```
.border{ border-color:rgb(92, 198, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 198, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 198, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 198, 217);  
box-shadow:4px 4px 4px 4px rgb(92, 198,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1321, 47.6732, 72.8904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 198, 217) }
```

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

```
.background{ background-color: rgb(92, 198,  
217) }
```

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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