

Converting Colors

XYZ(65.6598, 74.0081, 20.4972)

Have a look what the booklet for
XYZ(65.6598, 74.0081, 20.4972)
contains.

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Color

**XYZ(65.6598, 74.0081,
20.4972)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E25A
RGB	242, 226, 90
RGB Percent	95%, 89%, 35%
CMY	0.0510, 0.1137, 0.6470
CMYK	0.00, 0.07, 0.63, 0.05
HSL	54°, 85%, 65%
HSV	54°, 63%, 95%
XYZ	65.6598, 74.0081, 20.4972
YIQ	215.2800, 53.1920, -38.9040

Conversions

Conversions Part 2

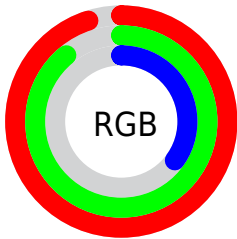
Format	Color
RYB	108, 242, 90
Decimal	15917658
CIELab	88.93, -10.27, 66.28
CIELCh	89, 67.074, 98.805
Yxy	74.0081, 0.4100, 0.4621
Android (android.graphics.Color)	4294107738 (0xFFFF2E25A)
YUV	215.2800, -61.7630, 23.4334
Hunter-Lab	86.0280, -14.3110, 46.0930

Details

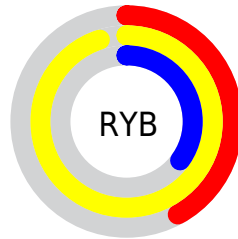
The XYZ color **65.6598, 74.0081, 20.4972** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **25.3976, 18.8922, 86.3121**, and the grayscale version is **65.1633, 68.5569, 74.6584**.

A 20% lighter version of the original color is **82.1108, 94.8243, 40.7633**, and **34.3257, 39.2868, 7.0023** is the 20% darker color. If you saturate the color by 10%, you get **64.1062, 72.2897, 15.6986**, and if you desaturate by 10%, it is **67.5624, 75.8881, 27.0675**.

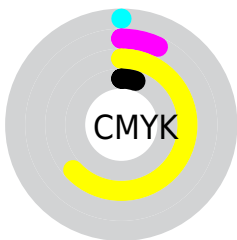
Distribution



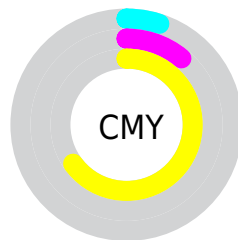
- Red (95%)
- Green (89%)
- Blue (35%)



- Red (42%)
- Yellow (95%)
- Blue (35%)



- Cyan (0%)
- Magenta (7%)
- Yellow (63%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6598, 74.0081, 20.4972 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 65.6598, 74.0081, 20.4972 by changing the saturation by 10% instead.

65.6598, 74.0081,
20.4972

65.6598, 74.0081,
20.4972

434.6671,
474.5013, 267.2869

48.2630, 54.8007,
12.5693

112.0584,
124.9073, 45.1191

34.2473, 39.2422,
7.0054

141.7908,
157.3678, 62.6502

23.2474, 26.9482,
3.3870

176.3658,
195.0149, 84.2194

14.8980, 17.5343,
1.2955

216.1488,
238.2328, 110.2454

8.8337, 10.6162,
0.0581

261.5050,
287.4060, 141.1466

4.6891, 5.8094,
0.0000

312.7999,

2.0989, 2.7295,

342.9189, 177.3415

0.0000

370.3988,
405.1559, 219.2488

■ 0.6886, 0.9922,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6598, 74.0081,
20.4972

■ 65.6598, 74.0081,
20.4972

■ 64.1062, 72.2897,
15.6986

■ 67.5624, 75.8881,
27.0675

■ 62.8623, 70.7088,
12.4885


■ 69.8382, 77.9312,
35.5598


■ 61.8889, 69.2524,
10.6522


■ 72.5152, 80.1513,
46.1134


■ 61.3112, 68.2640,
9.9448


■ 75.6172, 82.5581,
58.8536

 79.1661, 85.1603,
73.8957

 83.1823, 87.9663,
91.3468

 86.9676, 90.6968,
107.5303

 87.7385, 92.2385,
107.7872

 88.5199, 93.8014,
108.0477

Harmonies

Analogous

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



82.2751, 74.0081, 22.5736



65.6598, 74.0081, 20.4972



52.4961, 74.0081, 28.9717

Triad

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



65.6598, 74.0081, 20.4972



48.6636, 74.0081, 150.8130



103.7428, 74.0081, 117.5258

Complementary

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



65.6598, 74.0081, 20.4972



25.3976, 18.8922, 86.3121

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.



91.8344, 74.0081, 172.5553



65.6598, 74.0081, 20.4972



59.6232, 74.0081, 196.3672

Square

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



65.6598, 74.0081, 20.4972



43.7260, 74.0081, 95.0956



75.2427, 74.0081, 205.5741



106.0244, 74.0081, 67.6262

Rectangle

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



65.6598, 74.0081, 20.4972



46.8237, 74.0081, 42.5022



75.2427, 74.0081, 205.5741



100.6538, 74.0081, 136.4930

Sweetspot

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



65.6615, 74.0116, 20.4987



86.6027, 94.0533, 72.3331



42.9671, 27.2673, 17.1126



18.2996, 19.9550, 14.4859



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.



65.6615, 74.0116, 20.4987



71.8312, 80.9731, 16.6567



53.3013, 74.3999, 21.2251



16.9725, 18.1582, 16.7601



32.9973, 36.7927, 5.3626



2.7855, 3.1417, 0.4596

Inverse Universe

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



25.3976, 18.8922, 86.3121



23.3087, 14.6227, 96.2017



31.9449, 20.0448, 86.1895



15.0311, 15.4963, 19.9205



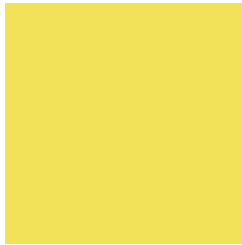
8.8482, 3.9205, 45.4183



0.7803, 0.4146, 3.7931

Previews

White Background



This preview shows how the XYZ color 65.6598, 74.0081, 20.4972 looks on a white background.

Color Contrast Check

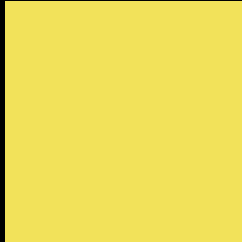
Large Text (above 18pt) WCAG AA × Fail

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 65.6598, 74.0081, 20.4972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

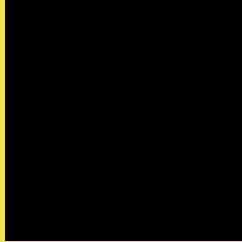
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6598, 74.0081, 20.4972

Background



This preview shows how black text looks on a background with the XYZ color 65.6598, 74.0081, 20.4972.

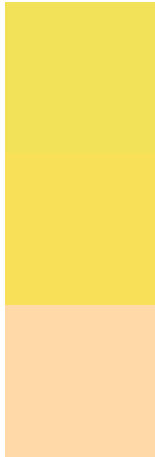


This preview shows how white text looks on a background with the XYZ color 65.6598, 74.0081,

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

65.6598, 74.0081, 20.4972

Protanopia

67.5257, 74.1723, 20.2089

Deuteranopia

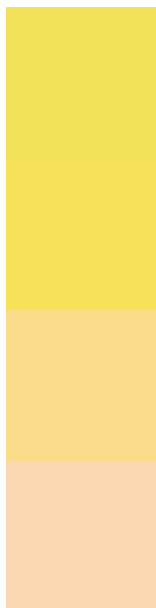
73.0279, 73.6757, 46.9311



Tritanopia

78.4201, 73.7592, 83.5026

Trichromacy



Original Color

65.6598, 74.0081, 20.4972

Protanomaly

66.7344, 74.1645, 20.2491

Deuteranomaly

69.6777, 73.3745, 34.9164

Tritanomaly

72.2731, 73.1641, 52.4324

Monochromacy



Original Color

65.6598, 74.0081, 20.4972

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.6386, 69.5729, 48.1050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6598, 74.0081, 20.4972 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(242, 226, 90)` looks like.

```
.text, #text, p{  
    color:rgb(242, 226, 90)  
}
```

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(242, 226, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 226, 90) }
```

Border

The CSS property to change the border of an element to XYZ 65.6598, 74.0081, 20.4972 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(242, 226, 90) }
```


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

```
.border{ border-color:rgb(242, 226, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 226, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 226, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 226, 90);  
box-shadow:4px 4px 4px 4px rgb(242, 226,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6598, 74.0081, 20.4972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 226, 90) }
```

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

```
.background{ background-color: rgb(242,  
226, 90) }
```

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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