

Converting Colors

XYZ(20.3065, 21.0795, 24.1189)

Have a look what the booklet for
XYZ(20.3065, 21.0795, 24.1189)
contains.

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Color

**XYZ(20.2425, 21.0454,
24.1144)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7E82
RGB	127, 126, 130
RGB Percent	50%, 49%, 51%
CMY	0.5020, 0.5059, 0.4902
CMYK	0.02, 0.03, 0.00, 0.49
HSL	255°, 2%, 50%
HSV	255°, 3%, 51%
XYZ	20.2425, 21.0454, 24.1144
YIQ	126.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

Format	Color
RYB	127, 126, 130
Decimal	8355458
CIELab	53.00, 1.18, -2.04
CIElCh	53, 2.358, 300.085
Yxy	21.0454, 0.3095, 0.3218
Android (android.graphics.Color)	4286545538 (0xFF7F7E82)
YUV	126.7550, 1.5998, 0.2149
Hunter-Lab	45.8753, -1.5184, 0.9468

Details

The XYZ color **20.2425, 21.0454, 24.1144** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.8026, 22.1393, 22.9166**, and the grayscale version is **20.0841, 21.1301, 23.0106**.

A 20% lighter version of the original color is **43.4897, 45.3624, 51.2634**, and **7.2810, 7.5215, 8.8526** is the 20% darker color. If you saturate the color by 10%, you get **17.3040, 17.2216, 23.5315**, and if you desaturate by 10%, it is **23.5390, 25.3756, 24.7768**.

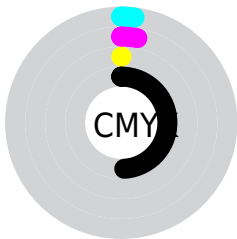
Distribution



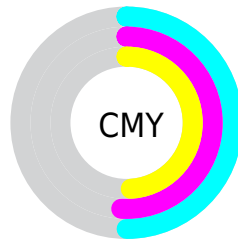
- Red (50%)
- Green (49%)
- Blue (51%)



- Red (50%)
- Yellow (49%)
- Blue (51%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2425, 21.0454, 24.1144 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 20.2425, 21.0454, 24.1144 by changing the saturation by 10% instead.

■ 20.2425, 21.0454,
24.1144

■ 20.2425, 21.0454,
24.1144

246.0335,
257.5197, 286.7035

■ 12.6807, 13.1572,
15.2055

■ 43.3242, 45.1631,
51.1630

■ 7.2845, 7.5369,
8.8155

■ 59.5749, 62.1613,
70.1398

■ 3.6886, 3.8001,
4.5259

■ 79.4526, 82.9651,
93.3096

■ 1.5275, 1.5624,
1.9181

103.3226,
107.9587, 121.0911

■ 0.3444, 0.3320,
0.5042

131.5504,
137.5265, 153.9026

■ 0.0000, 0.0000,
0.0000

164.5012,

172.0531, 192.1629

202.5405,
211.9226, 236.2903

■ 20.2425, 21.0454,
24.1144

■ 20.2425, 21.0454,
24.1144

■ 17.3040, 17.2216,
23.5315

■ 23.5390, 25.3756,
24.7768

■ 14.7094, 13.8829,
23.0238

■ 27.2032, 30.2272,
25.5201

■ 12.4463, 11.0105,
22.5887

■ 31.2469, 35.6177,
26.3475

■ 10.5010, 8.5834,
22.2227

■ 35.6807, 41.5631,
27.2614

■ 8.8586, 6.5787,
21.9224

■ 40.5148, 48.0789,
28.2642

7.5032, 4.9718,
21.6836

45.7591, 55.1797,
29.3584

6.4172, 3.7351,
21.5022

51.4229, 62.8796,
30.5462

5.5810, 2.8376,
21.3730

57.5155, 71.1925,
31.8296

4.9715, 2.2425,
21.2903

64.0457, 80.1315,
33.2108

Harmonies

Analogous

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



20.0037, 21.0454, 24.3048



20.2425, 21.0454, 24.1144



20.4183, 21.0454, 23.6013

Triad

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



20.2425, 21.0454, 24.1144



20.2413, 21.0454, 21.7538



19.5309, 21.0454, 22.9169

Complementary

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



20.2425, 21.0454, 24.1144



20.8026, 22.1393, 22.9166

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.



19.5934, 21.0454, 22.2419



20.2425, 21.0454, 24.1144



20.0023, 21.0454, 21.5789

Square

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



20.2425, 21.0454, 24.1144



20.4176, 21.0454, 22.2385



19.7654, 21.0454, 21.7558



19.5941, 21.0454, 23.6048

Rectangle

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



20.2425, 21.0454, 24.1144



20.4754, 21.0454, 23.1503



19.7654, 21.0454, 21.7558



19.5379, 21.0454, 22.6810

Sweetspot

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



20.2431, 21.0463, 24.1149



36.7887, 38.5552, 42.6954



20.4932, 21.7660, 24.2406



8.3362, 8.7390, 9.6658



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.



20.2431, 21.0463, 24.1149



35.0954, 36.3398, 42.3571



20.5339, 21.1962, 24.1285



4.5104, 4.6618, 5.4754



4.4537, 1.8497, 20.3722



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.6300, 21.2534, 23.7849



35.9967, 36.8225, 41.5853



20.5115, 21.9893, 22.9030



4.6395, 4.7310, 5.3646



10.9234, 5.3890, 11.4523



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 20.2425, 21.0454, 24.1144 looks on a white 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

Black Background



This preview shows how the XYZ color 20.2425, 21.0454, 24.1144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

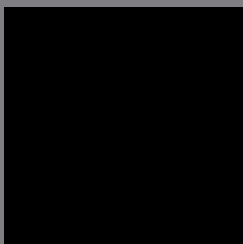
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.2425, 21.0454, 24.1144

Background



This preview shows how black text looks on a background with the XYZ color 20.2425, 21.0454, 24.1144.



This preview shows how white text looks on a background with the XYZ color 20.2425, 21.0454,

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

20.2425, 21.0454, 24.1144

Protanopia

20.3922, 21.1226, 24.1214

Deuteranopia

21.4962, 21.1230, 24.4169



Tritanopia

20.6089, 21.0057, 25.8900

Trichromacy



Original Color

20.2425, 21.0454, 24.1144

Protanomaly

20.3922, 21.1226, 24.1214

Deuteranomaly

20.9773, 21.0405, 24.4283

Tritanomaly

20.4693, 20.9499, 25.1552

Monochromacy



Original Color

20.2425, 21.0454, 24.1144

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.2381, 21.2493, 23.4569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2425, 21.0454, 24.1144 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(127, 126, 130)` looks like.

```
.text, #text, p{  
    color:rgb(127, 126, 130)  
}
```

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(127, 126, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 126, 130) }
```

Border

The CSS property to change the border of an element to XYZ 20.2425, 21.0454, 24.1144 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(127, 126, 130) }
```


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

```
.border{ border-color:rgb(127, 126, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 126, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 126, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 126, 130);  
box-shadow:4px 4px 4px 4px rgb(127, 126,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2425, 21.0454, 24.1144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 126, 130) }
```

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

```
.background{ background-color: rgb(127,  
126, 130) }
```

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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